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Abscissas and Weights for Gaussian Quadrature
For $N=2$ to 100, and $N=125, 150, 175,$ and 200

U.S. DEPARTMENT OF COMMERCE

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ABSCISSAS AND WEIGHTS FOR GAUSSIAN QUADRATURE FOR $N = 2$ to 100, and $N = 125, 150, 175,$ and 200

by

Carl H. Love

The abscissas and weights for Gaussian Quadrature of order $N = 2$ to 100, and $N = 125, 150, 175,$ and 200 are given. The abscissas are given to twenty-four places and the error is estimated to be no more than 1 unit in the last place. The weights are given to twenty-three places and the error is estimated to be no more than 1 unit in the last place. Key words: Integration, Gaussian, Quadrature.

1. INTRODUCTION

The advent of high speed digital computers has made the use of Gaussian Quadrature formulae of very high order a practical procedure. It can be programmed with a few instructions and the awkward abscissas are easily handled by the computer. It is a familiar technique which usually converges rapidly, and since the whole range of integration can be covered at once instead of making many subdivisions, it will usually be very efficient.

In addition to its use in numerical integration Gaussian Quadrature can be used in the numerical solution of integral equations and also in the evaluation of functions that can be written as integrals. The last four sets of very high order were computed [1] since "exact values of these quantities are also interesting in view of certain unsettled theoretical conjectures that have been made about distributions of the weights and abscissas." It was reported by Davis and Rabinowitz [2] that there was a "brisk demand" for the sets $N = 64, 80,$ and 96 even though they had not been published and there existed some doubt about their accuracy.

Higher order Gaussian Quadratures were found to be very efficient in the calculation of the inductance of rectangular conductors such as strip transmission lines at various frequencies [3]. It was found that if the width of the outer conductors were divided into n equal parts and the width of the inner conductors according to a Gaussian distribution, then the rate of convergence of the inductance function (with respect to n the number of subdivisions) was greatly improved. In order to obtain the limiting value of inductance (for an infinite number of subdivisions) a formula of the form $L_{\infty} = L_n + a n^{-\alpha}$ was used for sufficiently large n . This equation is most easily solved for the unknowns L_{∞} , a , and α , if the inductance function L_n is calculated for four different n chosen such that $N_1/N_2 = N_3/N_4$. Therefore, specific high order Gaussian Quadratures were needed.

The only high order Gaussian Quadratures that were found in the literature were those mentioned in the references. A.H. Stroud is working on tables for $N = 2, 64, 96, 168, 256, 384$, and 512 but he has not published them at the present time [4].

2. METHOD

The Gaussian Quadrature formula is given by

$$\int_{-1}^1 F(X) dx \approx \sum_{k=1}^n H_k F(X_k), \quad (1)$$

where the weighing coefficients H_k are given by

$$H_k = \frac{2}{nP_{n-1}(X_k) P'_n(X_k)}; \quad (2)$$

$P_n(X)$ is Legendre's polynomial of degree n , $P'_n(X)$ is the first derivative of $P_n(X)$, and the X_k 's are the zeros of $P_n(X)$ [5].

From the equations

$$\begin{aligned} (1-X^2) P'_n(X) &= n X P_n(X) + n P_{n-1}(X) = \\ (n+1) X P_n(X) - (n+1) P_{n+1}(X), \end{aligned} \quad (3)$$

and with X_k a zero of $P_n(X)$ in (3), the following relations can be obtained:

$$(1-X_k^2) P'_n(X_k) = n P_{n-1}(X_k) = -(n+1) P_{n+1}(X_k); \quad (4)$$

Equation (2) can now be expressed as [6]

$$H_k = \frac{2}{(1-X_k^2) [P'_n(X_k)]^2} = \frac{2(1-X_k^2)}{(n+1)^2 [P_{n+1}(X_k)]^2}; \quad (5)$$

Since $P_n(X)$ is a symmetric function of X for even n and skew symmetric for odd n , only the positive roots between 0 and 1 have to be calculated [5]. The weights H_k will be the same for positive and negative X 's of the same magnitude.

The roots of the Legendre Polynomials and their corresponding weighing factors were computed as follows. Upper and lower bounds were obtained for the k th root of $P_n(X)$, namely $X_{n,k}$, from the fact that the roots of $P_{n-1}(X)$ separate the roots of $P_n(X)$:

$$1 < X_{n,1} < X_{n-1,1} \quad \text{For } k = 1$$

$$X_{n-1,k-1} < X_{n,k} < X_{n-1,k} \quad \text{For } k > 1. \quad (6)$$

When n is odd, $X = 0$ is also a root of $P_n(X)$.

Setting the lower limit equal to \underline{a} and the upper limit equal to \underline{b} , the method of false position can be used to obtain an initial approximation \underline{c} :

$$C = a + \frac{F(a)}{F(a) - F(b)} (b-a) = a + \frac{P_n(a)}{P_n(a) - P_n(b)} (b-a). \quad (7)$$

In order to calculate $P_n(X)$ and $P_{n+1}(X)$ the following recurrence relation was used:

$$P_{n+1}(X) = \frac{2n+1}{n+1} X P_n(X) - \frac{n}{n+1} P_{n+1}(X). \quad (8)$$

After an approximation has been obtained, the root $X_{n,k}$ can be obtained much faster by using the Newton-Raphson technique which converges quadratically[6]:

$$X_{n+1} = X_n - \frac{F(X_n)}{F'(X_n)}, \quad (9)$$

where X_{n+1} is the next approximation to the root X_n . The value of $F(X_n)$ can be obtained from (4).

The last four sets ($n = 125$, etc.) required a little different approach. The first root, $X_{n,1}$, was obtained for all n between 101 and 200. The fact that the roots of $P_n(X)$ became monotonically increasingly further apart was then used to locate succeeding roots:

$$1 - X_{n,1} < X_{n,1} - X_{n,2} < \dots < X_{n,k} - X_{k+1}. \quad (10)$$

In order to find the $X_{n,k}$ root, the quantity $a = X_{n,k-1} - X_{n,k-2}$ was found. Then \underline{b} was set equal to $X_{n,k-1} - a$ and \underline{a} equal to $\underline{b} - a$. The polynomials $P_n(a)$ and $P_n(b)$ were examined to see if they were of opposite sign. If so, the upper and lower bounds were found and the root was calculated as before. If they had the same sign, then \underline{a} and \underline{b} were both decreased by a and the above process repeated until $P_n(a)$ and $P_n(b)$ did indeed have opposite signs.

3. ERRORS

The calculations were done with a double precision computer routine. The routine was accurate to 1.9×10^{25} (or 2^{84}).

In order to check the accuracy of the abscissas the formula

$$\sum_{k=1}^n X_k^2 = \frac{n(n-1)}{2n-1} \text{ was used. The largest error found was 5 units in}$$

the 24th decimal place and the next largest was 2 units in the 24th place. More than half of the checks had zero error in the 24th place. Squaring a number that has an error in the k th place gives an error in the k th place that is approximately twice that of the original error. When checking the tables in references [1], [2], and [5] only one error in the abscissas was found. This was in reference [5] where an error of 0.5 units in the 21st place was discovered. The calculations had been carried out to 7.6×10^{22} and the abscissas given to 21 places. The 21st-23rd places are 851 but the value given in the table was 8 in the 21st place instead of being rounded up to 9.

In this report the abscissas have been given to 24 places and it has been concluded that there is an error of no more than 1 unit in the last place. It is also concluded that this occurrence will be very rare. There will be further comments on the abscissas after the weights have been examined.

The weights were checked by summing them between zero and one and comparing the results to unity. The largest error found was 1.48 units in the 23rd place. The previously mentioned references were checked for errors in the weights and no error larger than 1 unit in the last place was found through $n = 48$. In reference [5] a table of errors obtained by summing the weights in references [1] and [2] is given. Even though the error in reference [1] reaches 11 units in the last place, there is no error in any individual weight of more than 1 unit. It is interesting to note that the errors in [1] are always 1 unit too small and are caused by not rounding up. It was only when the first omitted digit was 9 that the rounding was done correctly and then only half the time.

It was found that the errors in the higher order tables of reference [5] (up to $n = 64$) were larger than expected. The sums of some weights were in error 4 units in the last place, but almost all the error was concentrated in the first or second weight. For example, the value of the first weight for $n = 64$ was found to be 4.7 units too small in the last place and the sum of the weights was 4 units too small.

Since the preceding observation questioned the accuracy of the 23rd place of the first two weights of higher n in this report, the following analysis was made. It was assumed that the errors would follow the same behavior pattern in double precision as in single precision. Starting at $n = 50$, all the higher orders were calculated in single precision and the sum of the weights obtained. Single precision was 6.87×10^{10} (or 2^{36}) which is less than eleven significant digits. It was assumed that there were eleven good digits and the error in the 9th place was examined. For n up to 100 the largest error in the sum was 3.0 units in the 9th place and 2.2 units for an individual weight. The largest error in the last four sets was 3.9 units in the 9th place of the sum but only 2.3 units for any individual term. It was observed that if the error in the sum was 1 unit or more in the 9th place, it was concentrated in the first two weights.

These results tend to show that the errors do follow a similar pattern and give an error bound on the weights. It is to be remembered that in single precision there were less than eleven significant digits and the error in the 9th place was examined while in double precision there were more than twenty-five significant digits and the error in the 23rd place was examined. Hence, the error in the 9th place in single precision should be greater than the error in the 23rd place in double precision. It was concluded, on the basis of the preceding discussion and the fact that the largest error in the sum in double precision was 1.48 units in the 23rd place, that the individual weights were accurate to within 1 unit in the 23rd place.

The sum of the squares of the abscissas were checked and the largest error was 4 units in the 10th place. This was a better check than the double precision because of a "digit" problem. The sum of the checks reaches a value of approximately fifty for higher n and hence it is impossible to obtain the sum accurately to more than twenty-three decimal places. When the single precision was used, the squaring and summing were done in double precision and hence the error in the 10th decimal place could be examined. It has been mentioned previously that squaring tends to double the error and also that there are less than eleven good digits in single precision while in double precision there are more than twenty-five good digits. Hence, the error is no more than 1 unit in the 24th place.

The three values of n given in reference [2] were checked and were accurate to within 1 unit in the last place. This is better than one would expect from the above analysis since that author was only calculating his abscissas to an accuracy of 5.1×10^{-22} , which is approximately 1 digit less than reference [1]. It is believed the better accuracy was obtained because of the rapid rate of convergence of the Newton-Raphson method and because triple precision was used. The convergence

rate was in fact observed to be approximately "squared;" the errors were approximately 10^{-4} , 10^{-8} , 10^{-16} for successive iterations. Hence, when the error condition was satisfied, the roots were probably more accurate than expected and therefore the weights were more accurate. It is believed that the larger error of the first two weights is caused by the $1 - X^2$ term in the numerator of the expression for the weights.

4. TABLE ERRORS

After the final form of the manuscript had been prepared, the abscissas and weights were punched onto cards from the manuscript. These values were then subjected to the same numerical checks as before and the errors checked to insure they were the same as before. The values were also compared against the values that were punched onto cards during the computation.

5. REFERENCES

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6. TABLES OF GAUSSIAN QUADRATURE

N = 2

ABSCISSAS

WEIGHTS

0.57735 02691 89625 76450 9149

1.00000 00000 00000 00000 000

N = 3

ABSCISSAS

WEIGHTS

0.77459 66692 41483 37703 5853
0.00000 00000 00000 00000 0000

0.55555 55555 55555 55555 556
0.88888 88888 88888 88888 889

N = 4

ABSCISSAS

WEIGHTS

0.86113 63115 94052 57522 3946
0.33998 10435 84856 26480 2666

0.34785 48451 37453 85737 306
0.65214 51548 62546 14262 694

N = 5

ABSCISSAS

WEIGHTS

0.90617 98459 38663 99279 7627
0.53846 93101 05683 09103 6314
0.00000 00000 00000 00000 0000

0.23692 68850 56189 08751 426
0.47862 86704 99366 46804 129
0.56888 88888 88888 88888 889

N = 6

ABSCISSAS

WEIGHTS

0.93246	95142	03152	02781	2302
0.66120	93864	66264	51366	1400
0.23861	91860	83196	90863	0502

0.17132	44923	79170	34504	030
0.36076	15730	48138	60756	983
0.46791	39345	72691	04738	987

N = 7

ABSCISSAS

WEIGHTS

0.94910	79123	42758	52452	6190
0.74153	11855	99394	43986	3865
0.40584	51513	77397	16690	6607
0.00000	00000	00000	00000	0000

0.12948	49661	68869	69327	061
0.27970	53914	89276	66790	147
0.38183	00505	05118	94495	037
0.41795	91836	73469	38775	510

N = 8

ABSCISSAS

WEIGHTS

0.96028	98564	97536	23168	3561
0.79666	64774	13626	73959	1554
0.52553	24099	16328	98581	7739
0.18343	46424	95649	80493	9476

0.10122	85362	90376	25915	253
0.22238	10344	53374	47054	436
0.31370	66458	77887	28733	796
0.36268	37833	78361	98296	515

N = 9

ABSCISSAS

WEIGHTS

0.96816	02395	07626	08983	5576
0.83603	11073	26635	79429	9430
0.61337	14327	00590	39730	8702
0.32425	34234	03808	92903	8538
0.00000	00000	00000	00000	0000

0.08127	43883	61574	41197	189
0.18064	81606	94857	40405	847
0.26061	06964	02935	46231	874
0.31234	70770	40002	84006	863
0.33023	93550	01259	76316	453

N = 10

ABSCISSAS

WEIGHTS

0.97390	65285	17171	72007	7964
0.86506	33666	88984	51073	2097
0.67940	95682	99024	40623	4327
0.43339	53941	29247	19079	9266
0.14887	43389	81631	21088	4826

0.06667	13443	08688	13759	357
0.14945	13491	50580	59314	578
0.21908	63625	15982	04399	554
0.26926	67193	09996	35509	123
0.29552	42247	14752	87017	389

N = 11

ABSCISSAS

WEIGHTS

0.97822	86581	46056	99280	3938
0.88706	25997	68095	29907	5158
0.73015	20055	74049	32409	3416
0.51909	61292	06811	81592	5726
0.26954	31559	52344	97233	1532
0.00000	00000	00000	00000	0000

0.05566	85671	16173	66648	275
0.12558	03694	64904	62463	469
0.18629	02109	27734	25142	610
0.23319	37645	91990	47991	852
0.26280	45445	10246	66218	069
0.27292	50867	77900	63071	448

N = 12

ABSCISSAS

WEIGHTS

0.98156	06342	46719	25069	0549
0.90411	72563	70474	85667	8466
0.76990	26741	94304	68703	6894
0.58731	79542	86617	44729	6702
0.36783	14989	98180	19375	2692
0.12523	34085	11468	91547	2441

0.04717	53363	86511	82719	462
0.10693	93259	95318	43096	025
0.16007	83285	43346	22633	465
0.20316	74267	23065	92174	906
0.23349	25365	38354	80876	085
0.24914	70458	13402	78500	056

N = 13

ABSCISSAS					WEIGHTS				
0.98418	30547	18588	14947	2829	0.04048	40047	65315	87952	002
0.91759	83992	22977	96520	6548	0.09212	14998	37728	44791	442
0.80157	80907	33309	91279	4207	0.13887	35102	19787	23846	360
0.64234	93394	40340	22064	3985	0.17814	59807	61945	73828	005
0.44849	27510	36446	85287	7913	0.20781	60475	36888	50231	252
0.23045	83159	55134	79406	5528	0.22628	31802	62897	23841	209
0.00000	00000	00000	00000	0000	0.23255	15532	30873	91019	459

N = 14

ABSCISSAS					WEIGHTS				
0.98628	38086	96812	33884	1597	0.03511	94603	31751	86303	183
0.92843	48836	63573	51733	6391	0.08015	80871	59760	20980	563
0.82720	13150	69764	99318	9795	0.12151	85706	87903	18468	942
0.68729	29048	11685	47014	8020	0.15720	31671	58193	53456	960
0.51524	86363	58154	09196	5291	0.18553	83974	77937	81374	172
0.31911	23689	27889	76043	5672	0.20519	84637	21295	60396	592
0.10805	49487	07343	66206	6245	0.21526	38534	63157	79019	588

N = 15

ABSCISSAS					WEIGHTS				
0.98799	25180	20485	42848	9566	0.03075	32419	96117	26835	463
0.93727	33924	00705	90430	7759	0.07036	60474	88108	12470	927
0.84820	65834	10427	21620	0648	0.10715	92204	67171	93501	187
0.72441	77313	60170	04741	6186	0.13957	06779	26154	31444	781
0.57097	21726	08538	84753	7227	0.16626	92058	16993	93355	320
0.39415	13470	77563	36989	7207	0.18616	10000	15562	21102	680
0.20119	40939	97434	52230	0628	0.19843	14853	27111	57645	612
0.00000	00000	00000	00000	0000	0.20257	82419	25561	27288	062

N = 16

ABSCISSAS

WEIGHTS

0.98940	09349	91649	93259	6154
0.94457	50230	73232	57607	7988
0.86563	12023	87831	74388	0468
0.75540	44083	55003	03389	5101
0.61787	62444	02643	74844	6672
0.45801	67776	57227	38634	2420
0.28160	35507	79258	91323	0461
0.09501	25098	37637	44018	5319

0.02715	24594	11754	09485	178
0.06225	35239	38647	89286	284
0.09515	85116	82492	78480	993
0.12462	89712	55533	87205	248
0.14959	59888	16576	73208	150
0.16915	65193	95002	53818	931
0.18260	34150	44923	58886	676
0.18945	06104	55068	49628	540

N = 17

ABSCISSAS

WEIGHTS

0.99057	54753	14417	33567	5434
0.95067	55217	68767	76122	2717
0.88023	91537	26985	90212	2956
0.78151	40038	96801	40692	5230
0.65767	11592	16690	76585	0302
0.51269	05370	86476	96788	6247
0.35123	17634	53876	31529	7186
0.17848	41814	95847	85585	0678
0.00000	00000	00000	00000	0000

0.02414	83028	68547	93196	011
0.05545	95293	73987	20112	944
0.08503	61483	17179	18088	354
0.11188	38471	93403	97109	479
0.13513	63684	68525	47328	632
0.15404	57610	76810	28808	143
0.16800	41021	56450	04450	997
0.17656	27053	66992	64632	527
0.17944	64703	56206	52545	827

N = 18

ABSCISSAS

WEIGHTS

0.99156	51684	20930	94673	0016
0.95582	39495	71397	75518	1196
0.89260	24664	97555	73920	6061
0.80370	49589	72523	11568	2418
0.69168	70430	60353	20787	4891
0.55977	08310	73947	53460	7872
0.41175	11614	62842	64603	5932
0.25188	62256	91505	50958	8973
0.08477	50130	41735	30124	2262

0.02161	60135	26483	31031	334
0.04971	45488	94969	79645	333
0.07642	57302	54889	05652	913
0.10094	20441	06287	16556	281
0.12255	52067	11478	46018	452
0.14064	29146	70650	65120	473
0.15468	46751	26265	24492	542
0.16427	64837	45832	72298	605
0.16914	23829	63143	59184	066

N = 19

ABSCISSAS

WEIGHTS

0.99240	68438	43584	40318	9018
0.96020	81521	34830	03085	2779
0.90315	59036	14817	90164	2661
0.82271	46565	37142	82497	8923
0.72096	61773	35229	37861	7096
0.60054	53046	61681	02346	9638
0.46457	07413	75960	94571	7267
0.31656	40999	63629	83199	0117
0.16035	86456	40225	37586	8096
0.00000	00000	00000	00000	0000

0.01946	17882	29726	47703	631
0.04481	42267	65699	60033	284
0.06904	45427	37641	22658	071
0.09149	00216	22449	99946	446
0.11156	66455	47333	99471	602
0.12875	39625	39336	22767	552
0.14260	67021	73606	61177	575
0.15276	60420	65859	66677	886
0.15896	88433	93954	34764	996
0.16105	44498	48783	69597	916

N = 20

ABSCISSAS

WEIGHTS

0.99312	85991	85094	92478	6122
0.96397	19272	77913	79126	7666
0.91223	44282	51325	90586	7753
0.83911	69718	22218	82339	4529
0.74633	19064	60150	79261	4305
0.63605	36807	26515	02545	2837
0.51086	70019	50827	09800	4364
0.37370	60887	15419	56067	2548
0.22778	58511	41645	07808	0496
0.07652	65211	33497	33375	4640

0.01761	40071	39152	11831	186
0.04060	14298	00386	94133	104
0.06267	20483	34109	06356	951
0.08327	67415	76704	74872	476
0.10193	01198	17240	43503	675
0.11819	45319	61518	41731	238
0.13168	86384	49176	62689	849
0.14209	61093	18382	05132	930
0.14917	29864	72603	74678	783
0.15275	33871	30725	85069	808

N = 21

ABSCISSAS

WEIGHTS

0.99375	21706	20389	50026	0242
0.96722	68385	66306	29431	6622
0.92009	93341	50400	82879	0187
0.85336	33645	83317	28364	7251
0.76843	99634	75677	90861	5878
0.66713	88041	97412	31930	5967
0.55161	88358	87219	80705	9019
0.42434	21202	07438	78357	3669
0.28802	13168	02401	09660	0793
0.14556	18541	60895	09093	7031
0.00000	00000	00000	00000	0000

0.01601	72282	57774	33332	422
0.03695	37897	70852	49379	995
0.05713	44254	26857	20828	364
0.07610	01136	28379	30201	705
0.09344	44234	56033	86155	329
0.10879	72991	67148	37766	347
0.12183	14160	53728	53419	537
0.13226	89386	33337	46178	105
0.13988	73947	91073	15472	213
0.14452	44039	89970	05906	383
0.14608	11336	49690	42719	199

N = 22

ABSCISSAS

WEIGHTS

0.99429	45854	82399	29207	3032
0.97006	04978	35428	72712	3951
0.92695	67721	87174	00052	0693
0.86581	25777	20300	13653	6426
0.78781	68059	79208	16200	4278
0.69448	72631	86682	78005	0690
0.58764	04035	06911	59295	8877
0.46935	58379	86757	02640	6331
0.34193	58208	92084	22515	8147
0.20786	04266	88221	28547	8847
0.06973	92733	19722	22121	3842

0.01462	79952	98272	20068	499
0.03377	49015	84814	15479	330
0.05229	33351	52683	28594	031
0.06979	64684	24520	48809	496
0.08594	16062	17067	72741	444
0.10041	41444	42880	96493	208
0.11293	22960	80539	21839	340
0.12325	23768	10512	42428	556
0.13117	35047	87062	37073	297
0.13654	14983	46015	17135	257
0.13925	18728	55631	99337	541

N = 23

ABSCISSAS					WEIGHTS				
0.99476	93349	97552	12352	3926	0.01341	18594	87141	77208	131
0.97254	24712	18115	23195	6024	0.03098	80058	56979	44431	069
0.93297	10868	26016	10234	9197	0.04803	76717	31084	66857	164
0.87675	23582	70441	66737	8157	0.06423	24214	08525	85212	717
0.80488	84016	18839	89215	1119	0.07928	14117	76718	95492	289
0.71866	13631	31950	19446	1625	0.09291	57660	60035	14747	702
0.61960	98757	63646	15638	5097	0.10489	20914	64541	41007	409
0.50950	14778	46007	54968	9793	0.11499	66402	22411	36494	164
0.39030	10380	30290	83142	1489	0.12304	90843	06729	53046	758
0.26413	56809	70344	93053	3870	0.12890	57221	88082	14997	860
0.13325	68242	98466	11093	1743	0.13246	20394	04696	61737	164
0.00000	00000	00000	00000	0000	0.13365	45721	86106	17535	146

N = 24

ABSCISSAS					WEIGHTS				
0.99518	72199	97021	36017	9997	0.01234	12297	99987	19954	681
0.97472	85559	71309	49819	8392	0.02853	13886	28933	66318	131
0.93827	45520	02732	75852	3649	0.04427	74388	17419	80616	860
0.88641	55270	04401	03421	3154	0.05929	85849	15436	78074	637
0.82000	19859	73902	92195	3950	0.07334	64814	11080	30573	403
0.74012	41915	78554	36424	3828	0.08619	01615	31953	27591	719
0.64809	36519	36975	56925	2496	0.09761	86521	04113	88826	988
0.54542	14713	88839	53565	8376	0.10744	42701	15965	63478	258
0.43379	35076	26045	13848	7084	0.11550	56680	53725	60135	334
0.31504	26796	96163	37438	6793	0.12167	04729	27803	39120	446
0.19111	88674	73616	30915	8640	0.12583	74563	46828	29612	138
0.06405	68928	62605	62608	5043	0.12793	81953	46752	15697	406

N = 25

ABSCISSAS

WEIGHTS

0.99555	69697	90498	09790	8785
0.97666	39214	59517	51149	8315
0.94297	45712	28974	33941	4011
0.89499	19978	78275	36885	1042
0.83344	26287	60834	00142	1021
0.75925	92630	37357	63057	7283
0.67356	63684	73468	36448	5121
0.57766	29302	41222	96772	3690
0.47300	27314	45714	96052	2182
0.36117	23058	09387	83773	5822
0.24386	68837	20988	43204	5190
0.12286	46926	10710	39638	7360
0.00000	00000	00000	00000	0000

0.01139	37985	01026	28794	790
0.02635	49866	15032	13726	190
0.04093	91567	01306	31265	562
0.05490	46959	75835	19192	594
0.06803	83338	12356	91720	719
0.08014	07003	35001	01801	323
0.09102	82619	82963	64981	150
0.10053	59490	67050	64420	221
0.10851	96244	74263	65311	609
0.11485	82591	45711	64833	933
0.11945	57635	35784	77222	818
0.12224	24429	90310	04168	896
0.12317	60537	26715	45120	390

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ABSCISSAS

WEIGHTS

0.99588	57011	45616	92900	3217
0.97838	54459	56470	99110	0580
0.94715	90666	61714	25013	5915
0.90263	78619	84307	07421	7666
0.84544	59427	88498	01879	7507
0.77638	59488	20678	85619	2967
0.69642	72604	19957	26486	3814
0.60669	22930	17618	06323	1979
0.50844	07148	24505	71769	5703
0.40305	17551	23486	30648	1078
0.29200	48394	85956	89514	2835
0.17685	88203	56890	18396	9058
0.05923	00934	29313	20709	3719

0.01055	13726	17343	00715	565
0.02441	78510	92631	90878	962
0.03796	23832	94362	76395	030
0.05097	58252	97147	81199	832
0.06327	40463	29574	83553	945
0.07468	41497	65659	74588	708
0.08504	58943	13485	23921	045
0.09421	38003	55914	14846	366
0.10205	91610	94425	42323	841
0.10847	18405	28576	59065	658
0.11336	18165	46319	66654	944
0.11666	04434	85296	58204	466
0.11832	14152	79262	27651	637

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ABSCISSAS

WEIGHTS

0.99617	92628	88988	56693	8887
0.97992	34759	61501	22285	5873
0.95090	05578	14705	00685	1908
0.90948	23206	77491	10430	0645
0.85620	79080	18294	49030	2737
0.79177	16390	70508	22714	4397
0.71701	34737	39423	69929	4816
0.63290	79719	46495	14092	7735
0.54055	15645	79456	89490	0301
0.44114	82517	50026	88058	5974
0.33599	39036	38508	89973	0319
0.22645	93654	39536	85885	7239
0.11397	25856	09529	96693	2895
0.00000	00000	00000	00000	0000

0.00979	89960	51294	36026	115
0.02268	62315	96180	62319	603
0.03529	70537	57419	71102	258
0.04744	94125	20615	06270	410
0.05898	35368	59833	59911	030
0.06974	88237	66245	59298	432
0.07960	48677	73057	77126	307
0.08842	31585	43756	95019	432
0.09608	87273	70028	50756	565
0.10250	16378	17745	79867	125
0.10757	82857	88533	18721	216
0.11125	24883	56845	19267	216
0.11347	63461	08965	14862	037
0.11422	08673	78956	98904	505

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ABSCISSAS

WEIGHTS

0.99644	24975	73954	44995	0436
0.98130	31653	70872	75369	4560
0.95425	92806	28938	19725	4102
0.91563	30263	92132	07386	9690
0.86589	25225	74395	04894	2255
0.80564	13709	17179	17144	7886
0.73561	08780	13631	77202	8145
0.65665	10940	38864	96121	9898
0.56972	04718	11401	71930	8003
0.47587	42249	55118	26103	4412
0.37625	15160	89078	71022	1357
0.27206	16276	35178	07767	6826
0.16456	92821	33380	77128	1472
0.05507	92898	84034	27042	6517

0.00912	42825	93094	51773	882
0.02113	21125	92771	25975	150
0.03290	14277	82304	37997	763
0.04427	29347	59004	22783	959
0.05510	73456	75716	74543	148
0.06527	29239	66999	59579	340
0.07464	62142	34568	77902	393
0.08311	34172	28901	21839	040
0.09057	17443	93032	84094	219
0.09693	06579	97929	91585	049
0.10211	29675	78060	76981	422
0.10605	57659	22846	41791	042
0.10871	11922	58294	13525	357
0.11004	70130	16475	19628	238

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ABSCISSAS

WEIGHTS

0.99667	94422	60596	58616	3192
0.98254	55052	61413	17487	0926
0.95728	55957	78087	72579	8208
0.92118	02329	53058	78509	3753
0.87463	78049	20102	79041	7794
0.81818	54876	15252	44498	9572
0.75246	28517	34477	13391	2610
0.67821	45376	02686	51515	6185
0.59628	17971	38227	82037	9586
0.50759	29551	24227	64210	2628
0.41315	28881	74008	66389	0707
0.31403	16378	67639	93494	8196
0.21135	22861	66001	07450	6376
0.10627	82301	32679	23017	0982
0.00000	00000	00000	00000	0000

0.00851	69038	78746	40965	427
0.01973	20850	56122	70598	386
0.03074	04922	02093	62264	441
0.04140	20625	18682	83610	483
0.05159	48269	02497	92391	259
0.06120	30906	57079	13854	211
0.07011	79332	55051	27856	958
0.07823	83271	35763	78382	815
0.08547	22573	66172	52754	534
0.09173	77571	39258	76334	797
0.09696	38340	94408	60630	190
0.10109	12737	59914	96612	182
0.10407	33100	77729	37391	333
0.10587	61550	97320	94140	659
0.10647	93817	18314	24424	651

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ABSCISSAS

WEIGHTS

0.99689	34840	74649	54027	1630
0.98366	81232	79747	20997	0033
0.96002	18649	68307	51221	6871
0.92620	00474	29274	32587	9324
0.88256	05357	92052	68154	3116
0.82956	57623	82768	39744	2898
0.76777	74321	04826	19491	7978
0.69785	04947	93315	79693	2292
0.62052	61829	89242	86114	0478
0.53662	41481	42019	89926	4170
0.44703	37695	38089	17678	0610
0.35270	47255	30878	11347	1037
0.25463	69261	67889	84643	9805
0.15386	99136	08583	54696	3795
0.05147	18425	55317	69583	3025

0.00796	81924	96166	60561	547
0.01846	64683	11090	95914	230
0.02878	47078	83323	36934	972
0.03879	91925	69627	04959	680
0.04840	26728	30594	05290	294
0.05749	31562	17619	06648	172
0.06597	42298	82180	49512	813
0.07375	59747	37705	20626	824
0.08075	58952	29420	21535	470
0.08689	97872	01082	97980	239
0.09212	25222	37786	12871	763
0.09636	87371	74644	25963	947
0.09959	34205	86795	26706	278
0.10176	23897	48405	50459	643
0.10285	26528	93558	84034	129

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ABSCISSAS

WEIGHTS

0.99708	74818	19477	07405	5627
0.98468	59096	65152	48400	2465
0.96250	39250	92949	66178	9052
0.93075	69978	96648	16495	6946
0.88976	00299	48271	04337	4192
0.83992	03201	46267	34008	6905
0.78173	31484	16624	94040	6360
0.71577	67845	86853	28390	5971
0.64270	67229	24260	34618	4418
0.56324	91614	07149	26272	0945
0.47819	37820	44902	48044	0594
0.38838	59016	08232	94306	1352
0.29471	80699	81701	61661	7904
0.19812	11993	35570	62877	2413
0.09955	53121	52341	52032	5175
0.00000	00000	00000	00000	0000

0.00747	08315	79248	77585	870
0.01731	86207	90310	58246	316
0.02700	90191	84979	42180	061
0.03643	22739	12385	46402	439
0.04549	37075	27201	10290	232
0.05410	30824	24916	85371	167
0.06217	47865	61028	42691	034
0.06962	85832	35410	36616	776
0.07639	03865	98776	61642	636
0.08239	29917	61589	26390	382
0.08757	67406	08477	87612	620
0.09189	01138	93641	47821	536
0.09529	02429	12319	51280	720
0.09774	33353	86328	72509	347
0.09922	50112	26672	30787	488
0.09972	05447	93426	45142	753

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ABSCISSAS

WEIGHTS

0.99726	38618	49481	56354	4981
0.98561	15115	45268	33540	0175
0.96476	22555	87506	43077	3812
0.93490	60759	37739	68917	0919
0.89632	11557	66052	12396	5307
0.84936	76137	32569	97013	3693
0.79448	37959	67942	40696	3097
0.73218	21187	40289	68038	7427
0.66304	42669	30215	20097	5115
0.58771	57572	40762	32904	0746
0.50689	99089	32229	39002	3747
0.42135	12761	30635	34536	4120
0.33186	86022	82127	64977	9917
0.23928	73622	52137	07454	4603
0.14447	19615	82796	49348	5186
0.04830	76656	87738	31623	4813

0.00701	86100	09470	09660	041
0.01627	43947	30905	67060	517
0.02539	20653	09262	05945	575
0.03427	38629	13021	43310	269
0.04283	58980	22226	68065	688
0.05099	80592	62376	17619	616
0.05868	40934	78535	54714	528
0.06582	22227	76361	84683	765
0.07234	57941	08848	50622	540
0.07819	38957	87070	30647	174
0.08331	19242	26946	75522	220
0.08765	20930	04403	81114	277
0.09117	38786	95763	88471	287
0.09384	43990	80804	56563	918
0.09563	87200	79274	85941	908
0.09654	00885	14727	80056	676

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ABSCISSAS

WEIGHTS

0.99742	46942	46455	21726	6168
0.98645	57262	30642	48811	0376
0.96682	29096	89992	76892	8378
0.93869	43726	11168	35035	5835
0.90231	67677	43433	58304	0532
0.85800	96526	76504	06464	3061
0.80616	23562	74166	58979	6201
0.74723	04964	49562	15785	9055
0.68173	19599	69742	78626	8216
0.61024	23458	36379	02730	7287
0.53338	99047	86347	64354	8894
0.45185	00172	72450	69572	5993
0.36633	92577	48073	34107	0221
0.27760	90971	52497	02940	3248
0.18643	92988	27991	57233	5799
0.09363	10658	54733	38567	0743
0.00000	00000	00000	00000	0000

0.00660	62278	47587	37805	865
0.01532	17015	12934	67612	795
0.02391	55481	01749	48035	053
0.03230	03586	32328	95328	156
0.04040	15413	31669	59156	341
0.04814	77428	18711	69567	015
0.05547	08466	31663	56128	494
0.06230	64825	30317	48003	163
0.06859	45728	18656	71280	596
0.07427	98548	43954	14934	247
0.07931	23647	94886	73836	391
0.08364	78760	67038	70761	393
0.08724	82876	18844	33760	728
0.09008	19586	60638	57723	974
0.09212	39866	43316	84621	324
0.09335	64260	65596	11616	100
0.09376	84461	60209	99656	730

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ABSCISSAS

WEIGHTS

0.99757	17537	90841	91924	3373
0.98722	78164	06309	48504	9750
0.96870	82625	33344	28176	4647
0.94216	23974	05107	09163	1676
0.90780	96777	18324	46880	0900
0.86593	46383	34564	46926	3572
0.81688	42279	00933	66459	1579
0.76106	48766	29873	01418	7409
0.69893	91132	16262	90793	3000
0.63102	17270	80528	54531	7776
0.55787	55006	69746	64273	6460
0.48010	65451	90327	03419	4103
0.39835	92777	58645	94063	1495
0.31331	10813	39463	24745	8317
0.22566	66916	16449	48386	8641
0.13615	23572	59182	97589	4429
0.04550	98219	53102	54274	9076

0.00622	91405	55908	68471	861
0.01445	01627	48595	03541	520
0.02256	37219	85494	97008	409
0.03049	13806	38446	13180	944
0.03816	65937	96387	51632	177
0.04552	56115	23353	27245	382
0.05250	74145	72678	10616	825
0.05905	41358	27524	49319	396
0.06511	15215	54076	41137	854
0.07062	93758	14255	72499	904
0.07556	19746	60031	93127	083
0.07986	84443	39771	84473	882
0.08351	30996	99845	65518	702
0.08646	57397	47035	74978	425
0.08870	18978	35693	86928	708
0.09020	30443	70640	72957	394
0.09095	67403	30259	87361	534

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ABSCISSAS

WEIGHTS

0.99770	65690	99600	29726	0163
0.98793	57644	43851	49803	5117
0.97043	76160	39229	83321	5071
0.94534	51482	07827	32953	8726
0.91285	42613	59317	61446	4937
0.87321	91250	25222	33152	3282
0.82674	98990	92225	40683	4051
0.77381	02522	86912	55526	7423
0.71481	45015	56628	78326	4409
0.65022	43646	65890	38867	5793
0.58054	53447	49764	50993	4502
0.50632	27732	41488	61502	4298
0.42813	75415	17814	25418	7621
0.34660	15544	30813	94587	6980
0.26235	29412	09296	05797	0895
0.17605	10611	65989	56997	4304
0.08837	13432	75659	26360	0929
0.00000	00000	00000	00000	0000

0.00588	34334	20443	08497	575
0.01365	08283	48361	49226	640
0.02132	29799	11483	58088	344
0.02882	92601	08894	25404	872
0.03611	01158	63463	38053	272
0.04310	84223	26170	21878	231
0.04976	93704	01353	52980	520
0.05604	08162	12370	12857	833
0.06187	36719	66080	18888	701
0.06722	22852	69086	90396	431
0.07204	47947	72560	06466	546
0.07630	34571	55442	05353	866
0.07996	49422	42324	26293	266
0.08300	05937	28856	58837	993
0.08538	66533	92099	12522	594
0.08710	44469	97183	53424	332
0.08814	05304	30275	46297	074
0.08848	67949	07104	29063	821

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ABSCISSAS

WEIGHTS

0.99783	04624	84085	83619	8828
0.98858	64789	02212	23807	3395
0.97202	76910	49697	94933	5605
0.94827	29843	99507	54520	2474
0.91749	77745	15659	06607	5867
0.87992	98008	90397	13198	2427
0.83584	71669	92475	30641	8821
0.78557	62301	32206	51282	7769
0.72948	91715	93556	58209	0261
0.66800	12365	85521	06209	7191
0.60156	76581	35980	53507	9945
0.53068	02859	26245	16164	0709
0.45586	39444	33420	26720	7218
0.37767	25471	19689	21632	2736
0.29668	49953	44028	27050	3239
0.21350	08923	16865	57894	3226
0.12873	61038	09384	78865	1993
0.04301	81984	73708	60722	6969

0.00556	57196	64245	04536	126
0.01291	59472	84065	57440	450
0.02018	15152	97735	47153	210
0.02729	86214	98568	77909	442
0.03421	38107	70307	22992	125
0.04087	57509	23644	89547	411
0.04723	50834	90265	97841	662
0.05324	47139	77759	91909	203
0.05886	01442	45324	81730	968
0.06403	97973	55015	48955	638
0.06874	53238	35736	44261	369
0.07294	18850	05653	06135	387
0.07659	84106	45870	67452	876
0.07968	78289	12071	60190	872
0.08218	72667	04339	70951	722
0.08407	82189	79661	93493	346
0.08534	66857	39338	62749	185
0.08598	32756	70394	74749	009

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ABSCISSAS

WEIGHTS

0.99794	45824	77913	64894	0803
0.98918	59632	14319	18668	4099
0.97349	30300	56485	74432	8890
0.95097	23432	62094	82132	8576
0.92178	14374	12463	74266	8144
0.88612	49621	55486	07894	6150
0.84425	29873	40555	96798	7456
0.79645	92005	09902	29339	3046
0.74307	88339	81965	26254	7048
0.68448	63091	30959	35744	5523
0.62109	26084	08924	48314	8153
0.55334	23918	61581	78123	5098
0.48171	08778	03205	55414	7193
0.40670	05093	18326	11010	0932
0.32883	74298	83706	99949	8472
0.24866	77927	91365	75880	5568
0.16675	39302	39851	97696	8672
0.08367	04089	54769	90194	3048
0.00000	00000	00000	00000	0000

0.00527	30572	79497	93935	172
0.01223	87801	00307	55652	630
0.01912	90444	89083	96604	350
0.02588	60369	90558	93352	276
0.03246	16398	47521	48106	723
0.03880	96025	01934	54448	896
0.04488	53646	62437	16665	741
0.05064	62976	54824	60160	388
0.05605	19879	98274	91780	854
0.06106	45165	23225	98613	099
0.06564	87228	72751	24948	402
0.06977	24515	55700	34488	508
0.07340	67772	48488	17272	463
0.07652	62075	70529	23788	589
0.07910	88618	37529	38076	721
0.08113	66245	08465	03050	988
0.08259	52722	36437	25089	123
0.08347	45736	25862	78725	225
0.08376	83609	93138	90479	702

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ABSCISSAS

WEIGHTS

0.99804	99305	35687	61981	2847
0.98973	94542	66385	57194	4426
0.97484	63285	90153	50764	0886
0.95346	63309	33529	59567	0542
0.92574	13320	48584	39682	5110
0.89185	57390	04632	21679	4937
0.85203	50219	32362	18885	9650
0.80654	41676	05316	81555	1566
0.75568	59037	53970	68073	7738
0.69979	86803	79184	35591	2826
0.63925	44158	29681	70718	0345
0.57445	60210	47807	08113	2928
0.50583	47179	27931	10324	0534
0.43384	71694	32376	48437	3256
0.35897	24404	79435	01325	6718
0.28170	88097	90165	26136	0114
0.20257	04538	92116	70320	3978
0.12208	40253	37867	41986	9612
0.04078	51479	04578	23991	3316

0.00500	28807	49639	34567	590
0.01161	34447	16468	67417	767
0.01815	65777	09613	23689	888
0.02457	97397	38232	37589	520
0.03083	95005	45175	05465	873
0.03689	40815	94024	73816	494
0.04270	31585	04674	43423	588
0.04822	80618	60758	68337	435
0.05343	20199	10332	31997	376
0.05828	03991	46997	20602	231
0.06274	09333	92133	05405	297
0.06678	39379	79140	41193	505
0.07038	25070	66898	95473	928
0.07351	26925	84743	45714	521
0.07615	36635	48446	39606	599
0.07828	78446	58210	94807	538
0.07990	10332	43527	82158	603
0.08098	24937	70597	10062	327
0.08152	50292	80385	78669	922

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ABSCISSAS

WEIGHTS

0.99814	73830	66432	90600	5472
0.99025	15368	54685	98363	9775
0.97609	87093	33471	05384	4850
0.95577	52123	24652	27711	0892
0.92940	91484	86738	22969	7817
0.89716	71192	92992	88784	8291
0.85925	29379	99906	15391	3798
0.81590	62974	30143	10435	3233
0.76740	12429	31063	49983	2272
0.71404	44358	94534	67913	3867
0.65617	32134	32010	91073	4426
0.59415	34549	57277	98869	2890
0.52837	72686	60437	47389	6344
0.45926	05123	09136	04866	3247
0.38724	01639	71561	45585	3882
0.31277	15592	48185	92253	5997
0.23632	55124	61835	76733	6006
0.15838	53399	97837	79992	2701
0.07944	38046	08755	47758	1917
0.00000	00000	00000	00000	0000

0.00475	29446	91635	10137	078
0.01103	47889	39164	59424	268
0.01725	62290	93724	91904	081
0.02336	93848	32178	16459	471
0.02933	49559	83903	37859	216
0.03511	51114	98131	33076	107
0.04067	32768	47933	84393	906
0.04597	43011	08916	63188	418
0.05098	46652	92129	40521	402
0.05567	26903	40916	29990	739
0.06000	87360	88596	14957	494
0.06396	53881	38682	38898	671
0.06751	76309	66231	26536	302
0.07064	30059	70608	76077	011
0.07332	17534	14268	61738	115
0.07553	69373	22836	05770	478
0.07727	45525	44682	01672	851
0.07852	36132	87371	17672	506
0.07927	62225	68368	47101	016
0.07952	76221	39442	85241	742

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ABSCISSAS

WEIGHTS

0.99823	77097	10559	20034	9623
0.99072	62386	99457	00645	3054
0.97725	99499	83774	26266	3370
0.95791	68192	13791	65580	4541
0.93281	28082	78676	53336	0852
0.90209	88069	68874	29672	8253
0.86595	95032	12259	50382	0782
0.82461	22308	33311	66319	6320
0.77830	56514	26519	38769	4972
0.72731	82551	89927	10328	0996
0.67195	66846	14179	54837	9354
0.61255	38896	67980	23795	2613
0.54946	71250	95128	20207	5931
0.48307	58016	86178	71290	8567
0.41377	92043	71605	00152	4880
0.34199	40908	25758	47300	7493
0.26815	21850	07253	68114	1184
0.19269	75807	01371	09971	5517
0.11608	40706	75255	20848	3451
0.03877	24175	06050	82193	3193

0.00452	12770	98533	19125	847
0.01049	82845	31152	81361	474
0.01642	10583	81907	88871	286
0.02224	58491	94166	95726	150
0.02793	70069	80023	40109	849
0.03346	01952	82547	84739	268
0.03878	21679	74472	01763	997
0.04387	09081	85673	27199	167
0.04869	58076	35072	23206	143
0.05322	78469	83936	82435	500
0.05743	97690	99391	55136	662
0.06130	62424	92928	93916	654
0.06480	40134	56601	03807	455
0.06791	20458	15233	90382	569
0.07061	16473	91286	77969	548
0.07288	65823	95804	05906	051
0.07472	31690	57968	26420	019
0.07611	03619	00626	24237	156
0.07703	98181	64247	96558	831
0.07750	59479	78424	81126	372

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ABSCISSAS

WEIGHTS

0.99832	15885	74771	44151	9189
0.99116	71096	99016	30825	0159
0.97833	86735	61083	38446	9171
0.95990	68917	30346	22609	9442
0.93597	69874	97853	82568	2318
0.90668	59447	58101	17295	8340
0.87220	15116	92441	40883	3671
0.83272	12004	01361	33124	4273
0.78847	11450	47409	37273	6222
0.73970	48030	69926	18106	0169
0.68670	15020	34951	28958	4604
0.62976	48390	72196	32048	8649
0.56922	09416	10215	86965	4747
0.50541	65991	99406	03270	8336
0.43871	72770	51407	08851	7120
0.36950	50226	40481	44142	8367
0.29817	62773	41824	86592	2983
0.22513	96056	33422	77560	5786
0.15081	33548	63992	16357	4378
0.07562	32589	89162	99692	3766
0.00000	00000	00000	00000	0000

0.00430	61403	58164	88768	400
0.00999	99387	73905	94533	850
0.01564	49384	07818	58853	083
0.02120	10633	68779	55307	570
0.02663	58992	07110	44546	755
0.03191	82117	31699	28178	707
0.03701	77167	03507	98843	526
0.04190	51951	95909	68942	934
0.04655	26483	69014	34206	076
0.05093	34542	94617	49478	117
0.05502	25192	42578	74188	015
0.05879	64209	49871	94499	119
0.06223	35425	80966	31647	157
0.06531	41964	53527	41043	616
0.06802	07367	60876	76673	553
0.07033	76606	20817	49748	166
0.07225	16968	61023	07339	635
0.07375	18820	27223	46993	928
0.07482	96231	76221	55189	131
0.07547	87470	92715	82402	725
0.07569	55356	47298	37231	878

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ABSCISSAS

WEIGHTS

0.99839	96189	90062	41502	2868
0.99157	72883	40860	91979	2361
0.97934	25080	63748	19370	8983
0.96175	93653	38204	48874	6927
0.93892	35573	54988	17853	3174
0.91095	97249	04127	45258	3848
0.87802	05698	12172	74271	1985
0.84028	59832	61816	90092	5440
0.79796	20532	55487	41323	2706
0.75127	99356	89480	48956	8472
0.70049	45905	56171	21374	1570
0.64588	33888	69247	83395	7496
0.58774	45974	85109	32284	0711
0.52639	57499	31192	28759	2868
0.46217	19120	70421	92975	9075
0.39542	38520	42975	05767	7094
0.32651	61244	65411	51219	7157
0.25582	50793	42879	08396	6415
0.18373	68065	64854	55085	2756
0.11064	50272	08519	86834	9123
0.03694	89431	65351	77581	3096

0.00410	59986	04649	08461	060
0.00953	62203	01748	50241	182
0.01492	24436	97357	49414	468
0.02022	78695	69052	64475	706
0.02542	29595	26113	04788	674
0.03047	92406	99603	46836	290
0.03536	90710	97592	11083	266
0.04006	57351	80692	26176	060
0.04454	35777	71965	87787	432
0.04877	81407	92803	24502	745
0.05274	62956	99174	07034	394
0.05642	63693	58018	38164	643
0.05979	82622	27586	65431	283
0.06284	35580	45002	57640	932
0.06554	56243	64908	97892	701
0.06788	97033	76521	94485	536
0.06986	29924	92594	15976	615
0.07145	47142	65170	98292	181
0.07265	61752	43804	10488	791
0.07346	08134	53467	52826	403
0.07386	42342	32172	87999	639

ABSCISSAS

WEIGHTS

0.99847	23322	42507	71351	7636
0.99195	95575	93244	14642	0718
0.98027	82209	80255	33150	5529
0.96348	66130	14079	99341	0195
0.94167	19568	47637	86181	8478
0.91494	79072	06138	72945	6103
0.88345	37652	18616	86333	7678
0.84735	37162	09315	04899	9086
0.80683	59641	36938	63527	9075
0.76211	17471	94955	12146	0329
0.71341	42352	68957	05485	1921
0.66099	73137	51498	13316	5135
0.60513	42596	39600	93572	5083
0.54611	63166	60084	71914	0405
0.48425	11767	85734	72406	9634
0.41986	13760	29269	25248	7279
0.35328	26128	64303	80664	5476
0.28486	19980	32913	62710	5723
0.21495	62448	60518	20901	4878
0.14392	98095	10713	31077	0300
0.07215	29908	74586	23542	2327
0.00000	00000	00000	00000	0000

0.00391	94902	53844	12728	297
0.00910	39966	37401	40331	887
0.01424	87564	31576	48610	854
0.01931	99014	23683	90039	612
0.02429	04566	13838	81590	202
0.02913	44132	61498	49491	594
0.03382	64920	86860	29234	497
0.03834	22221	94132	65757	213
0.04265	80571	97982	08376	381
0.04675	14947	54346	58001	065
0.05060	11927	84390	15652	385
0.05418	70803	18881	78686	337
0.05749	04619	56910	51942	761
0.06049	41152	49991	29451	968
0.06318	23804	49396	11232	563
0.06554	12421	26322	79749	123
0.06755	84022	29365	16919	241
0.06922	33441	93656	68428	230
0.07052	73877	65085	02812	629
0.07146	37342	52514	14129	758
0.07202	75019	71421	97434	531
0.07221	57516	93798	98797	746

ABSCISSAS

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WEIGHTS

0.99854	02006	36774	22493	6057
0.99231	63921	38515	80848	3338
0.98115	18330	77913	96666	2749
0.96509	96504	22493	13939	4398
0.94423	95091	18194	09920	3255
0.91867	52599	84175	77432	3001
0.88853	42382	86043	20233	8368
0.85396	65950	04710	37872	8302
0.81514	45396	45135	01048	7438
0.77226	14792	48755	89901	7759
0.72553	10536	60717	00260	6965
0.67518	60706	66122	36533	3699
0.62147	73459	03575	84780	2425
0.56467	24531	85470	76842	4637
0.50505	43913	88202	31798	2798
0.44292	01745	25411	48383	4827
0.37857	93520	14707	13251	1765
0.31235	24665	02785	81223	6545
0.24456	94569	28201	25150	7303
0.17556	80147	75516	78574	6508
0.10569	19017	08653	24711	7306
0.03528	92369	64135	35905	8197

0.00374	54048	03112	77751	517
0.00870	04813	67524	84412	257
0.01361	95867	55579	98552	020
0.01847	14817	36814	74917	204
0.02323	14819	02019	21062	896
0.02787	57828	21281	01008	111
0.03238	12226	12069	82088	085
0.03672	53478	13808	87364	291
0.04088	65123	10346	21890	845
0.04484	39840	81970	03144	624
0.04857	80464	48352	03752	764
0.05207	00960	91704	46188	123
0.05530	27355	63728	05254	875
0.05825	98598	77595	49533	421
0.06092	67367	01561	96803	856
0.06329	00797	33203	85495	014
0.06533	81148	79181	43498	424
0.06706	06389	06293	65239	570
0.06844	90702	69366	66098	546
0.06949	64918	61572	57803	708
0.07019	76854	73558	21258	714
0.07054	91577	89354	06881	134

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ABSCISSAS

WEIGHTS

0.99860	36451	81936	63815	6548
0.99264	99984	47203	74174	8617
0.98196	87150	34540	56823	9319
0.96660	83103	96894	60473	6425
0.94664	16909	95629	06178	4721
0.92216	39367	19000	38809	7467
0.89329	16717	53241	73846	4649
0.86016	24759	60664	22533	9079
0.82293	42205	02086	33703	5775
0.78178	43125	93906	29131	2363
0.73690	88489	45490	35262	3739
0.68852	16807	71200	52523	2020
0.63685	33944	53223	35927	1224
0.58215	02125	69353	18668	0967
0.52467	28204	62916	06709	1134
0.46469	51239	19635	09857	9602
0.40250	29438	58541	91407	7975
0.33839	26542	50602	16164	3404
0.27266	97697	52377	56060	8765
0.20564	74897	83263	74571	9787
0.13764	52059	83253	02875	6590
0.06898	69801	63144	17249	0415
0.00000	00000	00000	00000	0000

0.00358	26631	55283	55893	114
0.00832	31892	96218	24164	574
0.01303	11049	91582	78432	063
0.01767	75352	57937	59061	709
0.02223	98475	50578	73239	395
0.02669	62139	67577	66480	567
0.03102	53749	34515	46716	251
0.03520	66922	01609	01624	770
0.03922	02367	29302	44756	419
0.04304	68807	09164	97115	169
0.04666	83877	18373	36526	777
0.05006	74992	37952	02979	913
0.05322	80167	31268	95194	590
0.05613	48787	59786	47664	392
0.05877	42327	18841	73857	436
0.06113	35008	31066	52250	189
0.06320	14400	73819	93774	996
0.06496	81957	50723	43085	383
0.06642	53484	49842	52808	291
0.06756	59541	63607	53627	091
0.06838	45773	78669	67453	169
0.06887	73169	77661	32288	200
0.06904	18248	29232	02011	080

ABSCISSAS

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WEIGHTS

0.99866	30421	33817	98112	8268
0.99296	23489	06174	36407	3095
0.98273	36698	04166	86347	7980
0.96802	13918	53991	94273	7748
0.94889	23634	46089	79562	2214
0.92543	37988	06753	95097	7491
0.89775	27115	33941	96570	1320
0.86597	53948	66858	06291	5889
0.83024	68370	66066	05303	2385
0.79073	00570	75274	25518	9144
0.74760	53596	15666	05400	0337
0.70106	95120	20405	69751	2122
0.65133	48462	01997	71510	6477
0.59862	82897	12715	15317	7173
0.54319	03302	61802	63527	0963
0.48527	39183	88164	66277	2320
0.42514	33132	82828	39732	2147
0.36307	28770	20995	71012	3707
0.29934	58227	01870	01548	3439
0.23425	29222	06269	76862	6056
0.16809	11794	67103	52860	6797
0.10116	24753	05584	23951	5860
0.03377	21900	16052	04151	9558

0.00343	03008	68107	04828	602
0.00796	98982	29724	62245	161
0.01247	98837	70988	68420	674
0.01693	35140	07836	23804	623
0.02130	99987	54136	50105	448
0.02558	92863	97130	01063	470
0.02975	18295	52202	75579	905
0.03377	86279	99106	89652	060
0.03765	13053	57386	07132	766
0.04135	21901	09678	72970	422
0.04486	43952	77318	12676	709
0.04817	18951	01712	20053	047
0.05125	95980	07143	02133	537
0.05411	34153	85856	75449	164
0.05672	03258	43991	23581	687
0.05906	84345	95546	31480	755
0.06114	70277	24650	48101	536
0.06294	66210	64394	50817	895
0.06445	90034	67139	06958	828
0.06567	72742	67781	20737	876
0.06659	58747	68454	88737	576
0.06721	06136	00678	17586	237
0.06751	86858	49036	45882	021

N = 47

ABSCISSAS

WEIGHTS

0.99871	87285	84212	10918	3948
0.99325	52109	87768	63469	2190
0.98345	10030	71623	70876	4901
0.96934	67873	26564	49714	5744
0.95100	39692	57708	44258	9803
0.92850	26930	12360	64819	7185
0.90194	13294	38525	35686	7171
0.87143	60157	96896	31694	0986
0.83712	01398	99902	12127	7599
0.79914	37541	67741	94291	5562
0.75767	29184	45438	63357	3997
0.71288	89734	09064	30166	1879
0.66498	77473	90332	72913	6703
0.61417	86999	56373	60859	5463
0.56068	40059	34664	19448	3058
0.50473	75838	63577	91977	4289
0.44658	40731	04855	70272	5182
0.38647	77640	84667	13958	3302
0.32468	14863	37735	90221	0761
0.26146	54592	14974	57030	6983
0.19710	61102	79111	80796	1491
0.13188	48665	54514	89705	3824
0.06608	69239	16355	67516	0474
0.00000	00000	00000	00000	0000

0.00328	74538	42528	01488	325
0.00763	86162	95848	83361	410
0.01196	28484	64312	32096	394
0.01623	53331	46433	05967	072
0.02043	69381	47668	42764	204
0.02454	92116	59658	81853	783
0.02855	41507	00643	38650	474
0.03243	42355	15184	75676	762
0.03617	24965	84174	95161	346
0.03975	25861	22531	00378	090
0.04315	88486	48479	53826	830
0.04637	63890	86505	91120	440
0.04939	11377	47361	16960	457
0.05218	99117	80057	14487	221
0.05476	04727	81530	22595	713
0.05709	15802	93231	54022	202
0.05917	30409	42338	87597	615
0.06099	57530	08739	64533	071
0.06255	17462	20921	66264	056
0.06383	42166	05717	03063	129
0.06483	75562	38945	72670	260
0.06555	73777	66549	74025	114
0.06599	05335	88810	47453	357
0.06613	51296	23655	47965	344

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ABSCISSAS

WEIGHTS

0.99877	10072	52426	11860	0542
0.99353	01722	66350	75754	7929
0.98412	45837	22826	85774	4584
0.97059	15925	46247	25046	1412
0.95298	77031	60430	86072	2961
0.93138	66907	06554	33311	4174
0.90587	91367	15569	67282	2075
0.87657	20202	74247	88590	5694
0.84358	82616	24393	53071	1090
0.80706	62040	29442	62708	2553
0.76715	90325	15740	33925	3855
0.72403	41309	23814	65467	4482
0.67787	23796	32663	90521	1851
0.62886	73967	76513	62399	5165
0.57722	47260	83972	70381	7809
0.52316	09747	22233	03367	8226
0.46690	29047	50958	40454	4929
0.40868	64819	90716	72991	6226
0.34875	58862	92160	73815	9818
0.28736	24873	55455	57673	5887
0.22476	37903	94689	06122	4866
0.16122	23560	68891	71805	6437
0.09700	46992	09462	69893	0054
0.03238	01709	62869	36203	3322

0.00315	33460	52305	83863	268
0.00732	75539	01276	26210	239
0.01147	72345	79234	53948	959
0.01557	93157	22943	84872	818
0.01961	61604	57355	52781	446
0.02357	07608	39324	37914	052
0.02742	65097	08356	94820	007
0.03116	72278	32798	08890	207
0.03477	72225	64770	43889	255
0.03824	13510	65830	70631	722
0.04154	50829	43464	74921	406
0.04467	45608	56694	28041	945
0.04761	66584	92490	47482	591
0.05035	90355	53854	47495	781
0.05289	01894	85193	66709	551
0.05519	95036	99984	16286	820
0.05727	72921	00403	21570	515
0.05911	48396	98395	63574	647
0.06070	44391	65893	88005	297
0.06203	94231	59892	66390	420
0.06311	41922	86254	02565	713
0.06392	42385	84648	18662	391
0.06446	61644	35950	08220	650
0.06473	76968	12683	92250	302

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ABSCISSAS

0.99882	01506	06635	37936	1831
0.99378	86619	44167	79076	0114
0.98475	78959	14213	00435	9299
0.97176	22009	01555	38013	9973
0.95485	36586	74137	23355	5244
0.93410	02947	55810	14905	8982
0.90958	56558	28073	28521	3020
0.88140	84455	73008	91003	7032
0.84968	21198	44165	70103	4882
0.81453	44273	59855	43153	9501
0.77610	68943	45446	63501	8143
0.73455	42542	37402	69621	3674
0.69004	38244	25132	11350	4752
0.64275	48324	19237	66405	6857
0.59287	76941	08900	71245	5864
0.54061	32469	91726	06655	8226
0.48617	19414	52492	04217	6976
0.42977	29933	41576	52465	8584
0.37164	35012	62284	88886	3735
0.31201	75321	19748	76220	7861
0.25113	51786	12577	27350	7156
0.18924	15924	61813	58648	5310
0.12658	59972	69672	05106	7985
0.06342	06849	82686	78602	8835
0.00000	00000	00000	00000	0000

WEIGHTS

0.00302	72789	88922	90507	748
0.00703	50995	90086	45147	345
0.01102	05510	31593	58049	751
0.01496	21449	35624	65102	958
0.01884	35958	53089	45844	445
0.02264	92015	87446	67649	877
0.02636	36189	27066	01696	095
0.02997	18846	20583	82535	069
0.03345	94667	91622	17434	249
0.03681	23209	63000	68981	947
0.04001	69457	66373	02136	860
0.04306	04369	81259	59798	835
0.04593	05393	55595	85354	250
0.04861	56958	87828	24027	765
0.05110	50943	30144	59067	462
0.05338	87107	08258	96852	794
0.05545	73496	74803	58869	043
0.05730	26815	30187	47548	516
0.05891	72757	60027	26602	453
0.06029	46309	53152	01730	311
0.06142	92009	79192	93629	683
0.06231	64173	20057	26740	108
0.06295	27074	65195	69947	440
0.06333	55092	96491	74859	084
0.06346	32814	04790	59771	825

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ABSCISSAS

0.99886	64044	20071	05018	5459
0.99403	19694	32090	71258	5108
0.98535	40840	48005	88230	9010
0.97286	43851	06692	07371	3344
0.95661	09552	42807	94299	7746
0.93665	66189	44877	93378	0875
0.91307	85566	55791	89308	9736
0.88596	79795	23613	04863	7541
0.85542	97694	29946	08461	1363
0.82158	20708	59335	94835	6254
0.78455	58329	00399	26390	5305
0.74449	43022	26068	53826	0536
0.70155	24687	06822	25108	9546
0.65589	64656	85439	36078	1625
0.60770	29271	84950	23918	0382
0.55715	83045	14650	05431	5523
0.50445	81449	07464	20165	1459
0.44980	63349	74038	78914	7132
0.39341	43118	97565	12739	4229
0.33550	02454	19437	35683	6988
0.27628	81937	79531	99032	7645
0.21600	72368	76041	75684	7285
0.15489	05899	98145	90207	1629
0.09317	47015	60086	14085	4450
0.03109	83383	27188	87611	2329

WEIGHTS

0.00290	86225	53155	14095	840
0.00675	97991	95745	40150	278
0.01059	05483	83650	96926	357
0.01438	08227	61485	57441	938
0.01811	55607	13489	39035	126
0.02178	02431	70124	79298	159
0.02536	06735	70012	39044	020
0.02884	29935	80535	19802	991
0.03221	37282	23578	01664	817
0.03545	98356	15146	15416	073
0.03856	87566	12587	67524	477
0.04152	84630	90147	69742	241
0.04432	75043	38803	27549	202
0.04695	50513	03948	43296	563
0.04940	09384	49466	31492	124
0.05165	57030	69581	13848	991
0.05371	06218	88996	24652	346
0.05555	77448	06212	51762	357
0.05718	99256	47728	38372	303
0.05860	08498	13222	44583	512
0.05978	50587	04265	45750	958
0.06073	79708	41770	21603	175
0.06145	58995	90316	66375	641
0.06193	60674	20683	24338	409
0.06217	66166	55347	26232	103

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ABSCISSAS

0.99890	99908	48903	49516	8996
0.99426	12604	36752	57462	1085
0.98591	59917	35902	99658	3886
0.97390	33680	19323	86723	1755
0.95826	78486	13908	19455	7707
0.93906	75440	02962	38343	5368
0.91637	38623	09780	23082	3571
0.89027	12180	29527	30327	7795
0.86085	67111	82292	37147	3496
0.82823	97638	23064	83285	4818
0.79254	17120	99381	20523	4411
0.75389	53544	85375	52576	3960
0.71244	44575	77036	64458	0525
0.66834	32211	75370	08686	4461
0.62175	57046	00723	27375	5043
0.57285	52163	51303	83652	2395
0.52182	36693	66185	84251	4088
0.46885	09042	86041	06361	0457
0.41413	39832	26303	87793	6872
0.35787	64566	88409	50977	5201
0.30028	76063	35331	93953	0246
0.24158	16664	47798	70384	6733
0.18197	70269	57077	54532	3999
0.12169	54210	18888	76696	3820
0.06096	11001	50578	72473	4195
0.00000	00000	00000	00000	0000

WEIGHTS

0.00279	68071	71089	89557	554
0.00650	03377	83252	60029	211
0.01018	51912	97821	72993	924
0.01383	26340	06477	82229	669
0.01742	87147	23401	05225	950
0.02095	99884	01703	21057	979
0.02441	33005	73781	43427	314
0.02777	57985	94162	47719	600
0.03103	49712	90160	00845	443
0.03417	86932	04188	33623	621
0.03719	52689	23260	29284	291
0.04007	34762	85496	45318	681
0.04280	26079	97880	08665	361
0.04537	25114	07650	06874	817
0.04777	36262	40623	10200	000
0.04999	70201	50057	40977	955
0.05203	44219	36697	08756	414
0.05387	82523	13045	56143	410
0.05552	16520	95738	69301	674
0.05695	85077	20258	66210	008
0.05818	34739	82592	14059	844
0.05919	19939	22961	54378	354
0.05998	03157	77503	25209	006
0.06054	55069	34737	79513	813
0.06088	54648	44856	34388	120
0.06099	89248	41205	88015	980

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ABSCISSAS

0.99895	11111	03950	27809	0961
0.99447	75909	29216	02924	5043
0.98644	61956	51549	84064	5323
0.97488	38842	21744	50314	0707
0.95983	18269	33086	55253	2025
0.94134	38536	41359	05684	3579
0.91948	61289	16424	53989	3597
0.89433	68905	34495	32252	0844
0.86598	61628	46067	58524	4359
0.83453	54323	26734	53496	1726
0.80009	72834	30468	32433	4759
0.76279	49951	93744	96027	9211
0.72276	20997	49983	19367	6817
0.68014	19042	27167	70209	2239
0.63508	69776	95245	92429	8125
0.58775	86049	79579	06990	2026
0.53832	62092	85827	43837	5951
0.48696	67456	98096	07778	2458
0.43386	40677	18761	67030	9087
0.37920	82691	16093	66924	6682
0.32319	50034	34807	82550	1099
0.26602	47836	05001	82747	2972
0.20790	22641	56366	05968	6466
0.14903	55086	06949	18048	8634
0.08963	52446	48900	56548	8855
0.02991	41097	97338	76604	3681

WEIGHTS

0.00269	13169	50047	11111	895
0.00625	55239	62973	27689	972
0.00980	26345	79462	75206	195
0.01331	51149	82340	96065	660
0.01678	00233	96300	73567	792
0.02018	48915	07980	79220	299
0.02351	75135	53984	46159	032
0.02676	59537	46504	01344	949
0.02991	85811	47143	94664	128
0.03296	41090	89718	79791	501
0.03589	16348	35097	23294	194
0.03869	06783	10423	97898	510
0.04135	12195	00560	27167	904
0.04386	37342	59000	40799	513
0.04621	92283	72784	79350	765
0.04840	92697	44074	89685	396
0.05042	60185	66342	37721	821
0.05226	22553	83906	99303	439
0.05391	14069	32757	26475	084
0.05536	75696	69302	65254	904
0.05662	55309	02368	59719	081
0.05768	07874	52526	82765	393
0.05852	95617	71813	86855	029
0.05916	88154	66042	97036	933
0.05959	62601	71248	15825	831
0.05981	03657	45291	86024	779

ABSCISSAS

0.99898	99477	76328	22712	1054
0.99468	19193	08007	07863	6036
0.98694	70350	23371	52172	0373
0.97581	02337	14984	58163	2984
0.96130	96946	23136	33236	9858
0.94349	53534	64441	87902	1071
0.92242	86030	42812	12826	7819
0.89818	20578	75426	62592	5520
0.87083	92975	58241	35160	1700
0.84049	45765	45801	37543	0128
0.80725	24984	16895	47822	0486
0.77122	76549	25532	30786	6036
0.73254	42308	07510	25378	2136
0.69133	55756	01366	72354	0749
0.64774	37439	16510	06875	1106
0.60191	90057	13769	32746	4294
0.55401	93282	77067	88101	4735
0.50420	98316	57133	43703	9117
0.45266	22194	61845	79138	3145
0.39955	41869	53952	97739	2563
0.34506	88084	95722	35669	4311
0.28939	39064	51626	20642	6547
0.23272	14037	24272	59364	3364
0.17524	66621	55325	75072	9791
0.11716	78090	71955	15014	0257
0.05868	50543	00259	46502	2712
0.00000	00000	00000	00000	0000

WEIGHTS

0.00259	16837	20567	03181	160
0.00602	42762	26948	67328	124
0.00944	12022	84940	34438	666
0.01282	60261	44240	37917	915
0.01616	67252	56687	46392	806
0.01945	17211	07636	89538	805
0.02266	96730	57070	20839	879
0.02580	94825	10757	51771	396
0.02886	03236	17823	73626	280
0.03181	16784	59019	32306	324
0.03465	33725	83534	23795	839
0.03737	56098	03482	91567	417
0.03996	90058	43540	38212	709
0.04242	46206	34520	01359	228
0.04473	39891	03672	81021	277
0.04688	91503	40750	31402	187
0.04888	26750	32699	14042	045
0.05070	76910	69292	71529	649
0.05235	79072	29872	71819	970
0.05382	76348	68731	02904	208
0.05511	18075	23933	59900	235
0.05620	59983	81739	70980	866
0.05710	64355	36267	19177	338
0.05781	00149	91713	19631	968
0.05831	43113	62256	00755	628
0.05861	75862	32720	26331	807
0.05871	87941	51164	36452	549

ABSCISSAS

0.99902	66668	67340	98385	1071
0.99487	51170	18338	88491	8890
0.98742	06373	97343	55855	2146
0.97668	63288	57903	23720	0010
0.96270	76457	85923	58325	6994
0.94553	09751	64995	85376	3837
0.92521	33598	66651	48625	6276
0.90182	22862	84701	58075	7467
0.87543	54540	65568	93941	7909
0.84614	05159	70772	94942	5888
0.81403	47859	13567	83546	9638
0.77922	49153	46254	02153	5949
0.74182	65388	09184	31628	5766
0.70196	38897	19172	91938	5571
0.65976	93876	31983	12469	2290
0.61538	31983	31127	37072	9938
0.56895	27681	95209	42973	1625
0.52063	23343	85933	07332	7017
0.47058	24124	81382	28368	3212
0.41896	92632	55204	52803	6103
0.36596	43403	72191	18198	4332
0.31174	37208	34468	22888	2551
0.25648	75200	69997	30007	7411
0.20037	92936	06213	56977	8603
0.14360	54273	16256	15394	7090
0.08635	45182	63248	21528	5443
0.02881	67481	99341	77765	6236

WEIGHTS

0.00249	74818	35761	58577	595
0.00580	56110	15239	98487	883
0.00909	93694	55509	39694	804
0.01236	33281	28847	64416	647
0.01558	63030	35924	13170	297
0.01875	75276	21469	37791	201
0.02186	64514	22853	08594	551
0.02490	27414	67208	77305	005
0.02785	63093	10595	87028	700
0.03071	73424	97870	67605	400
0.03347	63364	64372	64571	604
0.03612	41258	40383	55258	289
0.03865	19147	82102	51683	686
0.04105	13061	36644	97422	172
0.04331	43293	09597	01544	193
0.04543	34667	28276	71397	485
0.04740	16788	06444	99105	858
0.04921	24273	24528	88606	879
0.05085	96971	46188	14431	971
0.05233	80161	98298	74466	559
0.05364	24736	47553	61127	210
0.05476	87362	13057	98630	622
0.05571	30625	60589	98768	337
0.05647	23157	30625	96503	104
0.05704	39735	58794	59856	783
0.05742	61370	54112	11485	929
0.05761	75367	07147	02467	238

ABSCISSAS

0.99906	14195	64818	54147	9432
0.99505	79778	47411	87504	3189
0.98786	89411	98889	19852	2386
0.97751	57355	03989	20885	9217
0.96403	13285	93135	19877	8537
0.94745	88680	41210	74185	9980
0.92785	14247	20791	69681	6271
0.90527	18007	44000	02578	1911
0.87979	23224	19895	50606	7591
0.85149	46066	17154	47146	0245
0.82046	92985	59320	91245	4241
0.78681	57811	27622	36589	7636
0.75064	18563	48021	90867	4988
0.71206	33999	86637	83890	9350
0.67120	39903	19826	39579	6327
0.62819	45122	49928	14009	0636
0.58317	27380	26032	10297	4305
0.53628	28859	08343	29672	0600
0.48767	51581	87474	09720	8264
0.43750	52600	37174	59180	8481
0.38593	39007	40979	42975	5849
0.33312	62788	90023	88518	9472
0.27925	15532	00806	53854	9863
0.22448	23006	47845	48340	0189
0.16899	39636	46873	20828	2843
0.11296	42880	59329	26658	8438
0.05657	27538	18336	77632	7338
0.00000	00000	00000	00000	0000

WEIGHTS

0.00240	83236	19979	78881	917
0.00559	86322	66560	76735	408
0.00877	57461	07058	52817	739
0.01192	51607	19848	61217	075
0.01503	64583	33511	78821	315
0.01809	96145	20729	06240	797
0.02110	48016	68016	45412	021
0.02404	23880	09725	62200	779
0.02690	29614	56396	27066	712
0.02967	73577	65161	04122	130
0.03235	66892	26185	83168	471
0.03493	23728	73589	88740	727
0.03739	61578	67965	54528	292
0.03974	01518	74337	17960	946
0.04195	68463	17718	76239	521
0.04403	91404	21606	58989	517
0.04598	03639	46283	83810	390
0.04777	42985	51200	69555	004
0.04941	51977	11551	73948	076
0.05089	78051	24493	97922	478
0.05221	73715	45632	08456	439
0.05336	96700	01605	47272	357
0.05435	10093	29911	10207	032
0.05515	82460	02508	68759	665
0.05578	87941	95284	08710	294
0.05624	06340	71084	36802	828
0.05651	23182	49772	00140	066
0.05660	29764	44560	42544	011

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WEIGHTS

0.99909	43438	01465	58435	3154
0.99523	12260	81069	74721	6309
0.98829	37155	40161	51108	9925
0.97830	17091	40256	38337	6990
0.96528	59019	05490	18362	6195
0.94928	64795	61962	63564	6738
0.93035	28802	47496	30054	7273
0.90854	36204	20655	49084	6107
0.88392	61083	27827	54078	9012
0.85657	64337	62748	63540	2991
0.82657	91321	42881	65167	2127
0.79402	69228	93866	49803	0008
0.75902	04227	05128	90220	2413
0.72166	78344	50188	08352	2594
0.68208	46126	94470	45550	1562
0.64039	31068	07006	89426	7939
0.59672	21827	70663	32010	4135
0.55120	68248	55534	61875	4363
0.50398	77183	84381	71419	5225
0.45521	08148	78459	57894	8832
0.40502	68809	27091	27811	8867
0.35359	10321	74954	52096	9707
0.30106	22538	67220	66905	3094
0.24760	29094	34337	20397	2967
0.19337	82386	35275	25824	0185
0.13855	58468	10376	24201	2887
0.08330	51868	22435	37444	0287
0.02779	70352	87275	43709	4061

0.00232	38553	75773	21550	110
0.00540	25222	46015	33776	131
0.00846	90631	63307	88766	163
0.01150	98243	40383	38217	377
0.01451	50892	78021	47180	777
0.01747	55129	11400	94650	496
0.02038	19298	82402	57263	481
0.02322	53515	62565	31693	726
0.02599	69870	58391	95219	182
0.02868	82684	73822	74172	989
0.03129	08767	47310	44786	784
0.03379	67671	15611	76129	543
0.03619	81938	72315	18603	588
0.03848	77342	59247	66248	683
0.04065	83113	84744	51788	013
0.04270	32160	84667	08651	104
0.04461	61276	52692	28321	342
0.04639	11333	73001	89676	219
0.04802	27467	93600	25812	074
0.04950	59246	83047	57891	997
0.05083	60826	17798	48056	012
0.05200	91091	51741	39984	305
0.05302	13785	24010	76396	799
0.05386	97618	65714	48570	895
0.05455	16368	70889	42106	175
0.05506	48959	01762	42579	630
0.05540	79525	03245	12321	779
0.05557	97463	06514	39584	627

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WEIGHTS

0.99912	55656	25262	85057	2010
0.99539	55236	78430	31113	5125
0.98869	65776	50222	04884	9758
0.97904	72267	09468	71379	8821
0.96647	60851	71886	67911	4859
0.95102	06264	47876	74191	1904
0.93272	69610	67101	69610	0754
0.91164	96785	21391	21272	8431
0.88785	16788	82221	32951	3000
0.86140	39832	62046	94472	2242
0.83238	55211	50439	12082	9011
0.80088	28945	47218	24207	6009
0.76699	01193	59450	19549	1716
0.73080	83447	44523	32282	7345
0.69244	55511	99517	73904	0484
0.65201	62282	80976	89124	9362
0.60964	10329	08715	36542	3849
0.56544	64292	69236	75901	8986
0.51956	43113	91187	60631	5154
0.47213	16095	17975	70958	8060
0.42328	98814	51563	95096	0024
0.37318	48900	86594	45855	2135
0.32196	61683	95378	64059	0208
0.26978	65731	61838	76576	3346
0.21680	18287	96124	03641	3614
0.16317	00625	91264	25104	3280
0.10905	13328	08787	80097	8527
0.05460	71510	01646	82421	9831
0.00000	00000	00000	00000	0000

0.00224	37538	72250	66290	974
0.00521	65334	74718	77939	051
0.00817	81600	67821	23262	621
0.01111	57637	32335	99014	568
0.01402	02707	90753	55617	025
0.01688	29590	23441	54903	500
0.01969	52706	99488	52038	242
0.02244	88078	90776	43807	969
0.02513	53509	90918	12264	727
0.02774	68814	02180	19232	126
0.03027	56048	42693	99945	849
0.03271	39743	66371	56854	249
0.03505	47127	82312	61750	575
0.03729	08343	24417	31735	474
0.03941	56654	75480	11408	995
0.04142	28648	70801	11036	320
0.04330	64422	16215	19659	643
0.04506	07761	61381	15779	721
0.04668	06310	73641	50378	384
0.04816	11726	61687	75126	885
0.04949	79824	02019	67899	384
0.05068	70707	24927	40865	664
0.05172	48889	20517	82472	062
0.05260	83397	29177	43244	023
0.05333	47865	84819	15842	658
0.05390	20614	83298	57464	281
0.05430	84714	52498	64313	875
0.05455	28036	04761	88648	014
0.05463	43287	56584	02406	284

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WEIGHTS

0.99915	52004	07386	60644	2737
0.99555	14765	97290	90260	2771
0.98907	90082	48442	63649	9910
0.97975	50146	94350	30910	7816
0.96760	62025	02924	09015	3301
0.95266	75575	18869	09144	2845
0.93498	21375	88259	34848	0843
0.91460	09285	64352	54068	6506
0.89158	26920	22030	17639	9883
0.86599	37940	74807	47927	5071
0.83790	80133	39373	31635	2098
0.80740	63279	13088	14104	8997
0.77457	66817	49652	74526	6140
0.73951	37310	20042	26784	6617
0.70231	85711	53908	11347	9757
0.66309	84453	32125	26643	3016
0.62196	64352	63079	11103	3984
0.57904	11351	30225	03048	9977
0.53444	63096	48847	58639	9802
0.48831	05372	16718	46361	5553
0.44076	68391	86839	56519	3703
0.39195	22963	30753	15037	1217
0.34200	76535	97995	26124	8368
0.29107	69143	11109	18953	3025
0.23930	69249	66153	45442	8949
0.18684	69518	35761	32137	4384
0.13384	82505	95466	85702	2377
0.08046	36302	14142	72930	9848
0.02684	70123	65942	35580	3339

0.00216	77232	49627	44994	305
0.00503	99816	12650	24308	502
0.00790	19738	49998	67475	402
0.01074	15535	32878	77411	686
0.01355	02371	12988	81214	518
0.01631	98742	34970	96505	212
0.01904	24654	61893	40865	579
0.02171	01561	40146	23576	692
0.02431	52527	24963	95254	026
0.02685	02431	81981	86847	591
0.02930	78180	44160	49071	839
0.03168	08912	53809	32732	029
0.03396	26204	93416	01079	773
0.03614	64268	67087	27054	078
0.03822	60138	45858	43322	946
0.04019	53854	09867	79688	808
0.04204	88633	29582	12599	457
0.04378	11035	33640	25103	903
0.04538	71115	14819	80250	398
0.04686	22567	29026	34691	842
0.04820	22859	45417	74840	657
0.04940	33355	08962	39286	651
0.05046	19424	79953	12529	766
0.05137	50546	18285	72547	451
0.05214	00391	83669	81897	126
0.05275	46905	26370	83342	965
0.05321	72364	46579	01410	348
0.05352	63433	04058	25210	061
0.05368	11198	63334	84886	391

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WEIGHTS

0.99918	33539	09294	68375	6424
0.99569	96403	83245	96468	7202
0.98944	23651	33730	93178	2184
0.98042	75739	56715	68844	9608
0.96868	02216	81781	53135	3633
0.95423	30093	76951	05586	3233
0.93712	61903	53453	85940	5139
0.91740	74387	88155	28135	2542
0.89513	17117	43472	08536	4297
0.87036	10942	92882	26096	3426
0.84316	46258	16872	20147	0351
0.81361	81072	88211	57143	5090
0.78180	38898	62360	90563	2679
0.74781	06452	78640	23188	9258
0.71173	31186	77197	73159	5916
0.67367	18645	04937	22702	4027
0.63373	29662	38850	09751	2581
0.59202	77407	04030	14446	4176
0.54867	24278	08396	38437	2256
0.50378	78665	57717	97876	8087
0.45749	91582	53266	69022	6215
0.40993	53178	10418	96672	2824
0.36122	89141	69794	80999	2313
0.31151	57008	03013	70031	8360
0.26093	42373	42811	71161	0616
0.20962	55033	92036	54492	3367
0.15773	25055	87857	96811	5218
0.10539	98790	16344	14383	6914
0.05277	34840	88310	00395	1680
0.00000	00000	00000	00000	0000

0.00209	54922	84541	22340	270
0.00487	22391	68265	28476	858
0.00763	95294	53487	57514	270
0.01038	58855	00995	86219	380
0.01310	33663	06345	19101	832
0.01578	43473	13081	46614	732
0.01842	13427	53610	02936	062
0.02100	69982	88437	18735	046
0.02353	41053	93713	36342	528
0.02599	56197	31298	50018	665
0.02838	46802	00534	79790	515
0.03069	46278	36111	68323	975
0.03291	90242	71045	27775	751
0.03505	16696	36400	10878	372
0.03708	66198	18870	92269	184
0.03901	82030	16160	00950	303
0.04084	10355	38686	70766	020
0.04255	00368	11067	63866	731
0.04414	04435	30297	38069	080
0.04560	78229	40509	76983	187
0.04694	80851	86962	01919	316
0.04815	74947	14606	44038	815
0.04923	26806	79361	98577	969
0.05017	06463	42996	90281	072
0.05096	87774	25393	91685	025
0.05162	48493	90891	48214	644
0.05213	70336	48375	39138	399
0.05250	39026	47828	73905	094
0.05272	44338	59127	93196	130
0.05279	80126	21990	42141	551

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WEIGHTS

0.99921	01232	27436	02203	4230
0.99584	05251	18838	17387	6747
0.98978	78952	22221	71736	7279
0.98106	72017	52598	18561	8577
0.96970	17887	65052	73372	1544
0.95572	22558	39996	10739	7232
0.93916	62761	16423	24949	5419
0.92007	84761	77627	55285	6657
0.89851	03108	10045	94193	7790
0.87451	99226	46898	31512	9308
0.84817	19847	85929	63249	0516
0.81953	75261	62145	75936	8518
0.78869	37399	32264	05456	9945
0.75572	37753	06585	68686	8842
0.72071	65133	55730	39943	6021
0.68376	63273	81355	43722	2930
0.64497	28284	89477	06781	3448
0.60444	05970	48510	36344	4209
0.56227	89007	53944	53917	8273
0.51860	14000	58569	74741	7889
0.47352	58417	61707	11110	8163
0.42717	37415	83078	38930	7453
0.37967	00565	76797	97715	4953
0.33114	28482	68448	19425	2353
0.28172	29374	23261	69169	0695
0.23154	35513	76029	33801	0345
0.18073	99648	73425	41724	0877
0.12944	91353	96945	00314	6444
0.07780	93339	49536	56941	9286
0.02595	97723	01247	79858	9170

0.00202	68119	68873	75849	643
0.00471	27299	26953	56864	089
0.00738	99311	63345	45553	152
0.01004	75571	82287	98435	789
0.01267	81664	76815	96013	150
0.01527	46185	96784	79930	673
0.01782	99010	14207	72026	040
0.02033	71207	29457	28677	503
0.02278	95169	43997	81986	378
0.02518	04776	21521	24837	957
0.02750	35567	49924	79163	522
0.02975	24915	00788	94524	084
0.03192	12190	19296	32894	946
0.03400	38927	24946	42283	491
0.03599	48980	51084	50306	658
0.03788	88675	69243	44403	094
0.03968	06954	52380	79947	012
0.04136	55512	35584	75561	316
0.04293	88928	35935	64195	423
0.04439	64787	95787	11332	778
0.04573	43797	16114	48664	720
0.04694	89888	48912	20484	701
0.04803	70318	19971	18096	367
0.04899	55754	55756	83538	948
0.04982	20356	90550	18101	116
0.05051	41845	32509	37459	824
0.05107	01560	69855	62740	455
0.05148	84515	00980	93399	504
0.05176	79431	74910	18754	380
0.05190	78776	31220	63973	286

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WEIGHTS

0.99923	55976	31363	47173	1862
0.99597	45998	15120	23426	8013
0.99011	67452	32517	05096	5532
0.98167	60112	84037	07968	5173
0.97067	42588	33182	90824	7408
0.95714	01519	12984	09137	2080
0.94110	89866	81361	14747	7544
0.92262	25813	82955	26125	7552
0.90172	91624	74001	17064	2040
0.87848	32372	14881	03247	8948
0.85294	54508	47663	44556	4847
0.82518	24281	08659	95066	4282
0.79526	65992	82359	64915	2049
0.76327	60111	72312	19714	5915
0.72929	41234	49465	10968	8957
0.69340	95908	94491	15549	9184
0.65571	60320	95070	87169	9186
0.61631	17851	97921	72470	9617
0.57529	96513	50830	61860	0370
0.53278	66265	02925	26563	8482
0.48888	36222	62252	11882	0699
0.44370	51765	38531	60199	5589
0.39736	91547	25756	60917	8292
0.34999	64422	04066	83453	3435
0.30171	06289	63030	71260	4487
0.25263	76871	69053	49583	3691
0.20290	56425	18058	49922	6947
0.15264	42402	30815	30052	9507
0.10198	46065	62274	06895	7208
0.05105	89067	07974	34936	6887
0.00000	00000	00000	00000	0000

0.00196	14533	61670	28267	177
0.00456	09240	06012	41718	454
0.00715	23549	91749	08958	583
0.00972	54618	30356	13373	614
0.01227	32635	07812	10462	928
0.01478	90658	84937	91454	618
0.01726	62929	87613	74359	443
0.01969	84777	46101	18133	052
0.02207	92731	48319	04400	248
0.02440	24671	87544	20291	534
0.02666	19985	24150	88966	281
0.02885	19720	88183	40150	434
0.03096	66743	68397	39482	470
0.03300	05882	75907	41063	272
0.03494	84075	16533	35109	085
0.03680	50504	23154	81738	432
0.03856	56732	07008	17274	615
0.04022	56825	90998	24736	764
0.04178	07477	90888	49206	668
0.04322	68118	12496	09790	104
0.04456	01020	35083	48827	154
0.04577	71400	53145	95937	134
0.04687	47507	50809	06597	643
0.04785	00705	85095	60716	183
0.04870	05550	56411	52608	753
0.04942	39853	46735	58993	997
0.05001	84741	08178	25342	505
0.05048	24703	86797	40464	814
0.05081	47636	68818	34320	770
0.05101	44870	38697	26354	374
0.05108	11194	40786	21797	792

ABSCISSAS

0.99925	98593	08777	02969	8408
0.99610	22963	16267	13288	5148
0.99042	99711	89290	35242	8071
0.98225	59490	97236	64949	1103
0.97160	07233	71651	80644	7180
0.95849	11729	73927	09202	9561
0.94296	04013	92328	50382	6365
0.92504	76356	36203	75522	7300
0.90479	81225	21093	46575	8486
0.88226	30128	31897	36307	2687
0.85749	92315	12070	92281	8403
0.83056	93336	04004	85134	5931
0.80154	13461	03976	37153	8506
0.77048	85960	55419	31899	0945
0.73748	95252	83156	74986	0784
0.70262	74922	22297	05512	0973
0.66599	05613	35479	44699	7546
0.62767	12806	46885	18072	6955
0.58776	64479	53087	33800	2150
0.54637	68663	00251	09581	6100
0.50360	70893	44755	95591	7021
0.45956	51572	40113	39520	7144
0.41436	23237	17126	04812	9589
0.36811	27750	46564	52966	3022
0.32093	33415	94194	00407	4102
0.27294	32026	96726	34318	8684
0.22426	35856	04165	53166	8991
0.17501	74592	49015	62855	5687
0.12532	92236	15896	80861	9649
0.07532	43954	96234	33276	3827
0.02512	92914	21820	61472	7088

WEIGHTS

0.00189	92056	79513	69048	040
0.00441	63334	56930	90481	327
0.00692	60419	01830	96087	170
0.00941	85794	28420	38763	794
0.01188	73901	17010	50194	482
0.01432	61918	23806	51776	740
0.01672	88117	90177	31628	855
0.01908	91766	58573	19873	250
0.02140	13222	77669	96884	118
0.02365	94072	08682	79257	452
0.02585	77269	54024	69802	710
0.02799	07281	63314	63754	124
0.03005	30225	73989	87007	701
0.03203	94005	81624	67810	634
0.03394	48443	79410	54509	112
0.03576	45406	22768	14128	559
0.03749	38925	82280	02998	562
0.03912	85317	51963	08412	331
0.04066	43288	82417	44096	829
0.04209	74044	10385	09664	302
0.04342	41382	58047	41958	007
0.04464	11789	77124	41429	364
0.04574	54522	14570	18077	723
0.04673	41684	78415	52480	221
0.04760	48301	84101	23227	045
0.04835	52379	63477	67283	480
0.04898	34962	20517	83710	485
0.04948	80179	19699	29252	787
0.04986	75285	94952	39424	476
0.05012	10695	69043	28807	480
0.05024	80003	75256	28168	840

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0.99928	29840	29123	78037	8936
0.99622	40127	77970	10860	2194
0.99072	85468	92189	46681	0895
0.98280	88105	93727	23486	2511
0.97248	40346	97570	02280	1961
0.95977	94497	58941	92707	0354
0.94472	61340	41009	80296	6375
0.92736	09206	21843	20544	7032
0.90772	63027	78531	55803	6953
0.88587	03285	07853	42629	0299
0.86184	64823	64123	71953	9612
0.83571	35543	19502	84347	1808
0.80753	54957	73456	76005	1466
0.77738	12629	90372	33556	3330
0.74532	46483	17847	41782	9322
0.71144	40995	84845	80785	1432
0.67582	25281	14986	09013	1103
0.63854	71058	21365	38500	0307
0.59970	90518	77625	23573	9009
0.55940	34094	86285	01326	7698
0.51772	88132	90033	24812	4478
0.47478	72479	94804	39992	2212
0.43068	37987	95111	60066	2089
0.38552	63942	12247	89247	7615
0.33942	55419	74584	40246	8835
0.29249	40585	86251	44003	6157
0.24484	67932	45953	36274	8405
0.19660	03467	91506	68455	7628
0.14787	27863	57871	96856	9839
0.09878	33564	46945	27952	9704
0.04945	21871	16159	62723	4234
0.00000	00000	00000	00000	0000

WEIGHTS

0.00183	98745	95577	08411	710
0.00427	85083	46863	76186	608
0.00671	02917	65960	13625	191
0.00912	59686	76326	65635	406
0.01151	93760	76880	04175	075
0.01388	46126	16115	61082	487
0.01621	58784	10338	33888	228
0.01850	74644	60161	27040	926
0.02075	37612	58039	09077	534
0.02294	92710	04889	93314	894
0.02508	86205	53344	98661	863
0.02716	65743	59097	93322	519
0.02917	80472	08280	52694	555
0.03111	81166	22219	81750	822
0.03298	20348	83779	34176	568
0.03476	52406	45355	87769	718
0.03646	33700	85457	28963	045
0.03807	22675	84349	55676	364
0.03958	79958	91544	09398	481
0.04100	68457	59666	39863	511
0.04232	53450	20815	82298	251
0.04354	02670	83027	59079	896
0.04464	86388	25941	39537	033
0.04564	77478	76292	60868	589
0.04653	51492	45383	69651	040
0.04730	86713	12268	91908	061
0.04796	64211	37995	13141	105
0.04850	67890	97883	84786	409
0.04892	84528	20511	98994	471
0.04923	03804	23747	56078	504
0.04941	18330	39918	17896	704
0.04947	23666	23931	02088	867

ABSCISSAS

WEIGHTS

0.99930	50417	35772	13945	6906
0.99634	01167	71955	27934	6924
0.99101	33714	76744	32073	9382
0.98333	62538	84625	95693	1299
0.97332	68277	89910	96374	1854
0.96100	87996	52053	71891	8614
0.94641	13748	58402	81606	2482
0.92956	91721	31939	57582	1490
0.91052	21370	78502	80575	6381
0.88931	54459	95114	10585	3404
0.86599	93981	54092	81976	0783
0.84062	92962	52580	36275	1692
0.81326	53151	22797	55974	1923
0.78397	23589	43341	40761	0221
0.75281	99072	60531	89661	1864
0.71988	18501	71610	82684	8940
0.68523	63130	54233	24256	3558
0.64896	54712	54657	33985	7761
0.61115	53551	72393	25024	8853
0.57189	56462	02634	03428	3878
0.53127	94640	19894	54565	8014
0.48940	31457	07052	95747	8526
0.44636	60172	53464	08798	4948
0.40227	01579	63991	60369	5767
0.35722	01583	37668	11595	0443
0.31132	28719	90210	95615	7513
0.26468	71622	08767	41637	3964
0.21742	36437	40007	08414	9649
0.16964	44204	23992	81803	7314
0.12146	28192	96120	55447	0377
0.07299	31217	87799	03944	9543
0.02435	02926	63424	43250	8956

0.00178	32807	21696	43294	729
0.00414	70332	60562	46763	529
0.00650	44579	68978	36285	612
0.00884	67598	26363	94772	303
0.01116	81394	60131	12881	859
0.01346	30478	96718	64259	806
0.01572	60304	76024	71932	197
0.01795	17157	75697	34308	505
0.02013	48231	53530	20937	234
0.02227	01738	08383	25415	930
0.02435	27025	68710	87333	818
0.02637	74697	15054	65867	169
0.02833	96726	14259	48322	751
0.03023	46570	72402	47886	797
0.03205	79283	54851	55358	547
0.03380	51618	37141	60939	157
0.03547	22132	56882	38381	069
0.03705	51285	40240	04604	042
0.03855	01531	78615	62912	896
0.03995	37411	32720	34138	666
0.04126	25632	42623	52861	016
0.04247	35151	23653	58900	734
0.04358	37245	29323	45337	683
0.04459	05581	63756	56306	013
0.04549	16279	27418	14447	977
0.04628	47965	81314	41729	595
0.04696	81828	16210	01732	533
0.04754	01657	14830	30866	228
0.04799	93885	96458	30772	813
0.04834	47622	34802	95716	977
0.04857	54674	41503	42693	480
0.04869	09570	09139	72038	337

ABSCISSAS

0.99932	60970	75412	87726	5694
0.99645	09480	61849	16305	5795
0.99128	52761	76801	66872	1821
0.98383	98121	87034	94137	7638
0.97413	15398	33551	16907	4968
0.96218	27547	18055	23771	1984
0.94802	09281	68407	50637	3770
0.93167	86282	28749	33796	5677
0.91319	34405	42846	26173	6547
0.89260	78805	04738	93142	3286
0.86996	92949	26407	03619	4132
0.84532	97528	99930	28394	2450
0.81874	59259	22651	45343	3919
0.79027	89574	92121	84304	7381
0.75999	43224	41999	78687	3983
0.72796	16763	29424	67901	1974
0.69425	46952	13991	63355	2622
0.65895	09061	93625	13304	0941
0.62213	15090	85400	24158	2600
0.58388	11896	60487	31332	7154
0.54428	79248	62227	13854	5573
0.50344	27804	55006	88234	1043
0.46143	97015	69145	05769	7834
0.41837	52966	23409	00926	4199
0.37434	86151	22066	01200	8794
0.32946	09198	37486	40764	5287
0.28381	54539	02248	73061	7656
0.23751	72033	46416	80657	0712
0.19067	26556	26142	76977	4912
0.14338	95546	98975	17113	1250
0.09577	66532	09197	50565	2219
0.04794	34623	53171	85752	2530
0.00000	00000	00000	00000	0000

WEIGHTS

0.00172	92582	51300	25089	834
0.00402	15241	72003	73634	708
0.00630	79425	78971	75455	019
0.00858	01482	66881	45989	364
0.01083	26787	89597	96862	151
0.01306	03116	39994	84633	617
0.01525	79121	46448	31034	926
0.01742	04219	97670	24849	537
0.01954	28658	36750	06282	684
0.02162	03612	84934	06284	165
0.02364	81296	91287	23669	878
0.02562	15069	38037	75821	408
0.02753	59540	88450	34394	250
0.02938	70677	89310	66806	264
0.03117	05903	80189	14246	443
0.03288	24196	76368	57498	405
0.03451	86183	98549	05862	522
0.03607	54232	25565	27393	217
0.03754	92534	48257	70980	977
0.03993	67192	04051	19761	667
0.04023	46292	73005	53381	545
0.04143	99984	17240	29302	269
0.04255	00542	46755	80271	922
0.04356	22435	95800	48653	228
0.04447	42383	95082	97442	732
0.04528	39410	26300	23065	713
0.04598	94891	46651	69696	389
0.04658	92599	72233	49830	226
0.04708	18740	10454	52224	601
0.04746	61982	32885	50315	264
0.04774	13486	81240	62155	904
0.04790	66925	00495	86203	135
0.04796	18493	94466	61812	071

ABSCISSAS

0.99934	62098	72177	88207	2817
0.99655	68210	89552	69112	2168
0.99154	50303	83375	74553	1763
0.98432	09049	35140	13289	0553
0.97490	04277	46285	95185	5898
0.96330	45868	59257	37096	4861
0.94955	92462	06235	33909	2467
0.93369	50725	44792	49437	2632
0.91574	74629	45207	01595	0429
0.89575	64644	46563	93846	0836
0.87376	66841	66944	73040	1005
0.84982	71895	36016	21946	2098
0.82399	13986	95587	61134	7082
0.79631	69612	45824	57053	2730
0.76686	56295	75319	62586	9543
0.73570	31210	49512	79957	9237
0.70289	89713	58874	18583	6259
0.66852	63793	50967	59260	4287
0.63266	20436	90963	16940	3895
0.59538	59917	14138	45832	7934
0.55678	14008	51723	06423	4948
0.51693	44130	28231	51357	2575
0.47593	39424	44236	84296	1930
0.43387	14771	73370	66835	7696
0.39084	08750	16182	94975	5122
0.34693	81540	66337	54889	9755
0.30226	12784	56436	10001	6129
0.25690	99397	61530	22299	4200
0.21098	53345	48078	99347	4541
0.16458	99385	64714	60725	3651
0.11782	72780	78675	99711	4714
0.07080	16988	68141	59128	9364
0.02361	81333	85924	57053	6223

WEIGHTS

0.00167	76537	44007	23859	933
0.00390	16256	41744	24825	923
0.00612	01920	18447	93636	557
0.00832	53887	65990	90141	673
0.01051	20659	87705	75465	738
0.01267	53039	81261	68187	645
0.01481	02650	02733	96017	364
0.01691	21814	72245	21718	035
0.01897	63617	22771	32593	487
0.02099	81990	91864	62577	733
0.02297	31817	35326	65591	810
0.02489	69025	14757	37263	773
0.02676	50687	54250	00190	879
0.02857	35117	82931	87118	282
0.03031	81962	18868	51919	364
0.03199	52289	64046	88727	128
0.03360	08678	86112	23267	035
0.03513	15301	65472	55590	064
0.03658	38002	88139	09441	369
0.03795	44376	65941	62094	913
0.03924	03838	66828	33018	781
0.04043	87694	38954	97912	587
0.04154	69203	13241	88131	773
0.04256	23637	70055	71631	891
0.04348	28339	56667	47864	758
0.04430	62769	43153	16190	460
0.04503	08553	05441	50021	519
0.04565	49522	25273	05612	044
0.04617	71750	97915	97547	167
0.04659	63586	39584	10362	582
0.04691	15674	87620	82774	625
0.04712	20982	87644	73218	545
0.04722	74812	62998	55484	563

ABSCISSAS

0.99936	54355	52976	79797	0416
0.99665	80272	06113	73536	4371
0.99179	33470	82309	60946	1698
0.98478	08477	55951	11344	2593
0.97563	55839	22908	05239	4254
0.96437	73304	27712	61169	5647
0.95103	04595	40145	37321	2348
0.93562	38732	70750	87686	6653
0.91819	09368	12738	58124	7247
0.89876	94049	61320	37581	8489
0.87740	13398	31658	72040	0298
0.85413	30195	37050	65079	0743
0.82901	48378	53301	19768	9074
0.80210	11950	21694	43441	7254
0.77345	03798	99980	32754	1549
0.74312	44437	04366	20669	5962
0.71118	90656	10040	32785	4836
0.67771	34104	98280	82878	0525
0.64276	99791	56615	35427	8134
0.60643	44512	55557	38620	0298
0.56878	55214	41471	02125	7572
0.52990	47289	00236	01616	9801
0.48987	62807	60646	62609	5593
0.44878	68697	19890	88399	5133
0.40672	54862	86013	91598	5299
0.36378	32260	43954	17082	6045
0.32005	30923	62536	33106	6875
0.27562	97949	69689	58771	5555
0.23060	95448	32115	73792	5230
0.18508	98457	83640	16881	6232
0.13916	92833	53523	71356	3891
0.09294	73112	52079	87663	1721
0.04652	40359	76017	21956	4639
0.00000	00000	00000	00000	0000

WEIGHTS

0.00162	83250	35240	01286	646
0.00378	70083	01825	50844	596
0.00594	06931	77582	23521	651
0.00808	17902	99023	13621	535
0.01020	54400	34102	44098	666
0.01230	70038	49288	15052	195
0.01438	19198	27200	55093	098
0.01642	56906	22530	87920	473
0.01843	38884	56804	57387	217
0.02040	21633	71343	54044	926
0.02232	62521	96452	07692	280
0.02420	19876	09673	16472	069
0.02602	53070	86213	23880	371
0.02779	22616	62436	76998	720
0.02949	90244	70945	66969	585
0.03114	18990	19472	82393	743
0.03271	73271	91531	20542	712
0.03422	18969	49536	64673	984
0.03565	23497	22745	00666	133
0.03700	55874	63492	58202	314
0.03827	86793	56179	48064	764
0.03946	88681	64308	88264	289
0.04057	35762	01744	52522	725
0.04159	04109	15199	24309	855
0.04251	71700	65830	49147	155
0.04335	18464	98699	51735	916
0.04409	26324	89751	01830	783
0.04473	79236	60889	82547	214
0.04528	63224	54669	53156	805
0.04573	66411	61063	69093	689
0.04608	79044	89761	57619	722
0.04633	93516	82415	62110	845
0.04649	04381	60264	62820	831
0.04654	08367	03563	50824	990

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WEIGHTS

0.99938	38255	29704	34716	3934
0.99675	48366	76664	29253	6174
0.99203	08877	42448	57464	7845
0.98522	08614	40244	63889	4495
0.97633	89504	00356	95694	2612
0.96540	38025	82199	80323	1955
0.95243	84044	79602	04932	3359
0.93747	00183	12800	88648	5621
0.92053	01208	47918	16646	0552
0.90165	43359	20107	83021	5709
0.88088	23590	17455	91769	7264
0.85825	78735	82659	84549	4962
0.83382	84590	41670	94582	0711
0.80764	54906	89708	66523	3626
0.77976	40316	18897	65874	4951
0.75024	27169	02916	51976	7578
0.71914	36302	76472	99262	3073
0.68653	21735	66012	94478	4356
0.65247	69291	44676	96420	0555
0.61704	95156	99883	42271	6947
0.58032	44376	16350	74017	5135
0.54237	89282	91003	38581	4491
0.50329	27877	09084	87263	5135
0.46314	82146	22939	03917	2772
0.42202	96336	86313	57914	6939
0.38002	35179	07674	47749	7964
0.33721	82067	95880	76272	7485
0.29370	37205	80638	73997	8423
0.24957	15708	98416	73451	1575
0.20491	45683	41939	29584	2530
0.15982	66272	77978	96099	5221
0.11440	25683	43910	68443	0578
0.06873	79190	38377	15221	1390
0.02292	87128	25422	34971	3996

0.00158	11402	56372	91293	910
0.00367	73665	95011	73063	357
0.00576	89699	18729	95202	147
0.00784	87113	93177	16741	505
0.00991	20012	51585	93720	913
0.01195	44623	19769	44210	322
0.01397	17891	74457	65581	596
0.01595	97359	09613	80007	213
0.01791	41204	57923	15248	941
0.01983	08320	87955	49829	103
0.02170	58396	10378	07980	147
0.02353	51996	85876	33336	129
0.02531	50650	45176	39832	390
0.02704	16925	45903	96155	798
0.02871	14510	27484	99071	080
0.03032	08289	38553	98034	158
0.03186	64417	16821	06493	935
0.03334	50389	03980	68790	314
0.03475	35109	79751	51316	679
0.03608	88959	00179	87071	498
0.03734	83853	26186	66771	608
0.03852	93305	29106	71449	325
0.03962	92479	60712	30802	541
0.04064	58244	75954	07614	088
0.04157	69221	97402	91648	458
0.04242	05830	11142	49930	061
0.04317	50326	84644	22322	584
0.04383	86845	97956	05201	060
0.04441	01430	80352	75590	935
0.04488	82063	45426	66782	635
0.04527	18690	18443	77786	941
0.04556	03242	50648	28598	071
0.04575	29654	16067	95051	901
0.04584	93873	87250	97468	656

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WEIGHTS

0.99940	14275	43244	78820	8061
0.99684	75004	85195	10045	9497
0.99225	82667	16853	11870	0434
0.98564	20800	22637	59323	7139
0.97701	23316	22094	26338	9466
0.96638	66216	42860	56685	5800
0.95378	66478	05181	89753	3940
0.93923	81470	41608	47296	6836
0.92277	08391	80444	99718	8818
0.90441	83649	85827	14006	6525
0.88421	82169	47252	43666	2819
0.86221	16624	72744	08385	7172
0.83844	36594	80504	21326	1617
0.81296	27645	00295	61385	6480
0.78582	10334	46759	76033	5369
0.75707	39152	55837	85159	4723
0.72678	01385	96008	08865	7160
0.69500	15918	82928	46092	9744
0.66180	31968	41078	24402	4226
0.62725	27758	69849	40176	7458
0.59142	09134	84555	82556	9310
0.55438	08121	15132	01453	7973
0.51620	81425	56933	70917	1821
0.47698	08893	79045	71034	1441
0.43677	91916	05844	42086	9877
0.39568	51789	97244	44735	1756
0.35378	28042	62066	31796	0127
0.31115	76715	47281	18658	5905
0.26789	68615	53503	42858	1599
0.22408	87536	33999	01328	1464
0.17982	28452	40643	16435	9713
0.13518	95690	85682	99215	8472
0.09028	01083	92828	74256	2120
0.04518	62106	15101	72353	1632
0.00000	00000	00000	00000	0000

0.00153	59769	52792	08407	513
0.00357	24167	39397	37260	970
0.00560	45799	27870	59482	853
0.00762	55559	31201	51061	146
0.00963	10061	50415	57558	866
0.01161	67966	10671	96554	874
0.01357	88606	49075	67099	981
0.01551	31865	43406	16473	977
0.01741	58212	31969	82913	207
0.01928	28771	28849	40278	924
0.02111	05396	39871	89462	789
0.02289	50747	90740	78565	552
0.02463	28367	84542	45536	434
0.02632	02754	16869	48379	176
0.02795	39433	12187	70599	086
0.02953	05029	57906	71177	981
0.03104	67335	17890	53903	269
0.03249	95374	09646	11124	473
0.03388	59466	30832	28949	781
0.03520	31288	21683	48614	775
0.03644	83930	50700	51405	664
0.03761	91953	11640	90650	816
0.03871	31437	20492	51393	274
0.03972	80034	01761	64120	646
0.04066	17010	54061	60053	753
0.04151	23291	85654	50208	287
0.04227	81500	11280	51285	158
0.04295	75990	02305	21387	842
0.04354	92880	82926	74103	358
0.04405	20084	65909	28438	099
0.04446	47331	22047	13809	623
0.04478	66188	78312	55754	214
0.04501	70081	40399	80219	872
0.04515	54302	36145	46051	652
0.04520	16023	77079	95424	229

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WEIGHTS

0.99941	82859	73575	84205	6743
0.99693	62519	61680	15660	9813
0.99247	60552	11689	98109	8942
0.98604	55580	70398	65992	7101
0.97765	74059	57592	40039	3908
0.96732	82236	64986	43838	8618
0.95507	85091	14292	84264	0327
0.94093	25790	03815	35552	2816
0.92491	85168	97934	44027	2266
0.90706	81162	60922	84943	6353
0.88741	68168	63348	17112	4374
0.86600	36342	13858	62938	0035
0.84287	10819	98980	24231	8594
0.81806	50876	25441	18902	7232
0.79163	49010	70792	75810	7676
0.76363	29967	71899	56892	5095
0.73411	49700	60942	64130	7652
0.70313	94261	51528	59706	2947
0.67076	78640	94077	40564	6281
0.63706	45546	09778	09627	8860
0.60209	64124	85355	48733	6767
0.56593	28637	18808	28637	2959
0.52864	57076	79711	12726	5081
0.49030	89745	57636	58926	9778
0.45099	87783	81647	86573	1640
0.41079	31659	02630	58937	1263
0.36977	19616	38461	89583	9405
0.32801	66093	89643	25784	6132
0.28561	00105	40037	86169	1665
0.24263	63594	63740	64578	3579
0.19918	09763	64857	66415	1404
0.15533	01378	82070	24730	9006
0.11117	09057	94298	69373	5752
0.06679	09541	67551	32400	3719
0.02227	83952	86140	30969	3493

0.00149	27212	88844	51573	104
0.00347	18948	93078	14325	500
0.00544	71118	74217	21831	282
0.00741	17693	63190	21036	211
0.00936	17627	69699	02681	150
0.01129	31846	49931	53764	963
0.01320	21908	14676	74762	507
0.01508	49878	65443	12768	230
0.01693	78363	76302	93253	184
0.01875	70570	93133	42341	545
0.02053	90378	24326	45338	449
0.02228	02404	52256	59583	389
0.02397	72078	89100	29227	869
0.02562	65709	08468	48279	899
0.02722	50548	18664	41715	911
0.02876	94859	55808	28066	131
0.03025	67979	80154	23781	654
0.03168	40379	61308	48173	465
0.03304	83722	39372	42047	087
0.03434	70920	49906	53756	855
0.03557	76189	01292	38053	277
0.03673	75096	93672	69534	804
0.03782	44615	69222	81719	727
0.03883	63164	84073	40397	900
0.03977	10654	92776	56747	785
0.04062	68527	36789	61635	123
0.04140	19791	29045	20863	823
0.04209	49057	27284	40602	098
0.04270	42567	89449	77776	997
0.04322	88225	05068	69978	940
0.04366	75613	97201	44025	255
0.04401	96023	90183	45875	736
0.04428	42465	39055	40677	580
0.04446	09684	17246	37082	356
0.04454	94171	59754	66720	217

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0.99943	44421	19736	92756	1660
0.99702	13082	51255	13006	5673
0.99268	47848	70641	56994	1806
0.98643	22772	68261	36809	2142
0.97827	57361	13601	79287	4824
0.96823	08774	26325	34568	0305
0.95631	70810	41052	87488	4704
0.94255	73399	22271	15912	4396
0.92697	82122	50871	41076	8131
0.90960	97689	84534	35944	1635
0.89048	55353	55206	51167	3912
0.86964	24259	56307	41114	7088
0.84712	06733	91873	96894	1067
0.82296	37505	67552	75238	9365
0.79721	82867	49317	96063	9491
0.76993	39775	41036	64740	5165
0.74116	34889	49376	84801	0344
0.71096	23557	18544	37097	4605
0.67938	88741	29644	57628	4578
0.64650	39894	70787	64280	1404
0.61237	11783	94682	33631	0376
0.57705	63263	90519	81048	5799
0.54062	76006	06487	35600	4911
0.50315	53182	68290	07083	3606
0.46471	18109	47597	82294	7579
0.42537	12849	42369	55586	3252
0.38520	96780	38527	29598	9720
0.34430	45129	29447	02471	0468
0.30273	47475	76191	37643	4942
0.26058	06227	97318	66202	3927
0.21792	35073	82453	33553	4383
0.17484	57410	28584	86316	9688
0.13143	04754	02266	08701	2910
0.08776	15136	34500	68236	1807
0.04392	31485	58135	32933	2217
0.00000	00000	00000	00000	0000

WEIGHTS

0.00145	12673	30029	39726	850
0.00337	55554	96730	67586	513
0.00529	61828	44025	89263	268
0.00720	68352	81831	49338	734
0.00910	36264	61992	00585	132
0.01098	28601	54298	55170	627
0.01284	08996	68087	80607	042
0.01467	41553	34611	52920	041
0.01647	90872	07462	39655	059
0.01825	22107	04678	67050	233
0.01999	01029	32350	11128	749
0.02168	94091	35985	36796	183
0.02334	68491	09223	25263	172
0.02495	92234	94313	87305	528
0.02652	34199	42157	90800	811
0.02803	64191	11741	49061	798
0.02949	53004	93708	81246	494
0.03089	72480	45090	72169	861
0.03223	95556	23443	52694	191
0.03351	96322	09454	03083	441
0.03473	50069	07682	18837	537
0.03588	33337	15648	91077	797
0.03696	23960	51982	03185	608
0.03797	01110	34831	15621	442
0.03890	45335	02262	94749	240
0.03976	38597	66857	58167	434
0.04054	64310	97246	89643	493
0.04125	07369	19866	02424	911
0.04187	54177	34733	00618	954
0.04241	92677	39624	59303	534
0.04288	12371	57580	43502	061
0.04326	04342	63241	26659	886
0.04355	61271	04108	53337	113
0.04376	77449	13402	14497	231
0.04389	48792	11788	58632	125
0.04393	72845	95852	36575	823

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WEIGHTS

0.99944	99344	52962	64218	1854
0.99710	28716	42729	07846	5967
0.99288	49510	16801	90822	8104
0.98680	31523	75830	46580	8074
0.97886	87785	57233	77179	6187
0.96909	66979	98780	42592	2171
0.95750	52475	77698	22566	4204
0.94411	61852	72537	96500	7181
0.92895	46458	80918	01057	2224
0.91204	90926	88671	46992	3030
0.89343	12635	88091	25619	5897
0.87313	61112	98778	90528	1708
0.85120	17376	54437	85111	1950
0.82766	93220	22754	31461	6560
0.80258	30439	69291	85202	7003
0.77599	00002	99982	56214	2197
0.74794	01166	32832	39067	0806
0.71848	60536	62234	96136	2462
0.68768	31082	90467	80749	1409
0.65558	91098	11201	05614	8897
0.62226	43113	39468	19100	7724
0.58777	12766	91655	59920	3773
0.55217	47629	27714	39740	0258
0.51554	15987	76003	52386	0159
0.47794	05591	68940	45718	3751
0.43944	22361	24960	73208	3876
0.40011	89062	19161	61270	2708
0.36004	43948	91419	23754	0074
0.31929	39378	46712	17133	2983
0.27794	40398	07847	60698	0111
0.23607	23308	85759	92505	7805
0.19375	74208	37026	05980	3133
0.15107	87514	82210	03032	6707
0.10811	64475	62102	81480	9633
0.06495	11663	11857	11407	4676
0.02166	39460	35424	04467	0326

0.00141	15163	93973	43413	572
0.00328	31697	74667	49580	190
0.00515	14360	18790	88690	825
0.00701	02723	21861	86329	608
0.00885	59960	73706	15338	396
0.01068	51081	65351	89715	896
0.01249	41656	19873	75776	778
0.01427	97690	54554	19326	656
0.01603	85649	50285	15521	816
0.01776	72507	89200	65359	436
0.01946	25808	63294	27804	302
0.02112	13722	16440	55350	982
0.02274	05105	55035	75445	593
0.02431	69560	64419	16432	635
0.02584	77491	00655	89028	390
0.02733	00157	38950	93443	380
0.02876	09731	64701	76109	512
0.03013	79348	95375	47929	298
0.03145	83158	22561	81397	778
0.03271	96370	64293	84670	431
0.03391	95306	18286	05949	720
0.03505	57438	07217	87043	414
0.03612	61435	07637	99298	563
0.03712	87201	54502	89946	056
0.03806	15915	13802	16383	438
0.03892	30062	16169	66379	996
0.03971	13470	44834	90178	240
0.04042	51339	71733	97004	333
0.04106	30269	36075	06110	194
0.04162	38283	60138	59820	761
0.04210	64853	97586	46414	659
0.04251	00919	10057	72007	780
0.04283	38901	68338	81366	684
0.04307	72722	74913	69974	525
0.04323	97813	05222	61748	527
0.04332	11121	65486	53707	639

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WEIGHTS

0.99946	47988	45881	17099	6471
0.99718	11307	71611	26725	3561
0.99307	70155	88945	15155	5204
0.98715	90366	24932	11478	1028
0.97943	78920	56483	62456	2705
0.96992	76590	54985	91274	7008
0.95864	57006	97974	22041	3851
0.94561	26216	89483	57193	1668
0.93085	22273	81224	55990	4698
0.91439	14791	76256	41474	1684
0.89626	04448	46691	22104	8938
0.87649	22434	20651	49982	5943
0.85512	29845	94299	48450	7991
0.83219	17027	24909	74375	5788
0.80774	02855	02735	92480	7061
0.78181	33974	21644	75133	4091
0.75445	83981	83323	48023	8445
0.72572	52561	81559	81850	3136
0.69566	64572	23262	71722	0220
0.66433	69086	52196	33888	2376
0.63179	38390	50118	45651	1041
0.59809	66936	98270	97600	0399
0.56330	70259	90016	51273	6243
0.52748	83849	92870	93680	0441
0.49070	61993	65251	98770	0222
0.45302	76578	39945	39519	1991
0.41452	15864	92575	76388	9121
0.37525	83230	19251	50290	5739
0.33530	95882	53022	45611	5741
0.29474	83551	53836	76825	5855
0.25364	87155	11301	39355	5805
0.21208	57446	03730	52652	7244
0.17013	53640	60700	75850	5646
0.12787	42031	79614	30175	4679
0.08537	94589	49596	30099	5857
0.04272	87550	38413	99118	5691
0.00000	00000	00000	00000	0000

0.00137	33764	62759	61922	399
0.00319	45243	77289	03452	208
0.00501	25385	71606	19026	381
0.00682	16313	49174	79236	221
0.00861	83104	79532	24761	391
0.01039	92609	95000	53220	130
0.01216	12209	29281	11272	776
0.01390	09687	88314	65086	752
0.01561	53254	33591	42299	553
0.01730	11587	62489	08300	561
0.01895	53890	48670	02168	974
0.02057	49944	20361	16916	602
0.02215	70163	17040	07205	677
0.02369	85648	64218	97462	661
0.02519	68241	37538	31281	333
0.02664	90572	98727	48295	223
0.02805	26115	90572	06032	380
0.02940	49231	80116	56010	546
0.03070	35218	40433	50493	813
0.03194	60354	61976	70648	650
0.03313	01943	85043	84067	707
0.03425	38355	45302	21541	413
0.03531	49064	24728	28750	906
0.03631	14688	00697	78469	035
0.03724	17022	86349	77315	689
0.03810	39076	55739	80059	551
0.03889	65099	47696	73952	048
0.03961	80613	42706	14331	651
0.04026	72438	07560	03336	494
0.04084	28715	02938	86154	936
0.04134	38929	49525	49452	688
0.04176	93929	48692	85375	410
0.04211	85942	54255	63626	895
0.04239	08589	92231	59440	537
0.04258	56898	26018	38702	576
0.04270	27308	64857	22207	660
0.04274	17683	13923	56241	145

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WEIGHTS

0.99947	90687	80329	52427	1044
0.99725	62617	11016	39083	8064
0.99326	14098	04644	97271	3885
0.98750	07266	16238	55960	7124
0.97998	43454	31300	33609	8804
0.97072	56040	42518	72681	9355
0.95974	09554	59528	91269	9917
0.94704	99264	28385	00827	2628
0.93267	50794	62054	56608	5601
0.91664	19716	42906	46067	7148
0.89897	91087	61895	79558	3715
0.87971	78944	52088	80922	8763
0.85889	25742	65983	57679	6487
0.83654	01747	42815	73916	8348
0.81270	04375	51974	37387	5255
0.78741	57488	19575	51781	9987
0.76073	10637	58994	47596	8623
0.73269	38267	36880	27776	2464
0.70335	38869	15441	85906	0320
0.67276	34096	20247	60271	8506
0.64097	67835	90692	38859	5342
0.60805	05242	77779	82552	5163
0.57404	31733	60994	15250	1893
0.53901	51946	62817	08324	0727
0.50302	88666	45885	16591	4073
0.46614	81716	83881	18342	2060
0.42843	86823	03003	27937	5829
0.38996	74445	96250	75057	1072
0.35080	28590	17798	04749	2535
0.31101	45587	69390	63704	9758
0.27067	32859	94980	40553	7672
0.22985	07660	03717	03101	8170
0.18861	95797	44918	57831	0721
0.14705	30347	61753	41172	8851
0.10522	50348	53070	97186	3989
0.06320	99486	75116	29189	5727
0.02108	24775	16748	30444	7535

0.00133	67616	50069	88355	033
0.00310	94201	49896	75467	867
0.00487	91797	58594	14458	429
0.00664	04929	09114	35763	476
0.00839	00454	33971	39706	409
0.01012	46945	38287	30542	112
0.01184	13475	47499	66732	317
0.01353	69494	11787	49434	105
0.01520	84842	43401	23480	887
0.01685	29795	82024	85358	485
0.01846	75113	08979	87978	285
0.02004	92087	02794	94425	273
0.02159	52594	81675	88896	970
0.02310	29147	74915	82303	093
0.02456	94939	95942	76724	565
0.02599	23896	00723	78786	677
0.02736	90717	19679	35230	244
0.02869	70926	53269	87534	210
0.02997	40912	22461	18733	996
0.03119	77969	65915	42603	337
0.03236	60341	76216	99952	528
0.03347	67257	67828	76626	372
0.03452	78969	69826	46100	333
0.03551	76788	36800	95992	585
0.03644	43115	71658	56448	181
0.03730	61476	54394	15573	371
0.03810	16547	71263	24889	635
0.03882	94185	39137	70775	808
0.03948	81450	20196	46832	363
0.04007	66630	22476	96675	915
0.04059	39261	82194	72805	808
0.04103	90148	24127	26684	742
0.04141	11375	96753	51082	007
0.04170	96328	79240	75437	871
0.04193	39699	57777	02146	996
0.04208	37499	69156	97247	490
0.04215	87066	09943	42212	223

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WEIGHTS

0.99949	27755	36035	45648	3467
0.99732	84289	62231	80330	9066
0.99343	85365	78892	70437	7047
0.98782	89667	67524	52014	1267
0.98050	93245	97416	60577	1693
0.97149	22563	43063	82336	3814
0.96079	33637	41892	31415	5448
0.94843	11650	79287	37792	1920
0.93442	70599	64107	15683	6194
0.91880	52912	28393	99127	1240
0.90159	29025	48446	33409	3964
0.88281	96914	47895	54216	0092
0.86251	81576	26883	42546	1262
0.84072	34466	54958	05009	7012
0.81747	32891	03541	31484	3395
0.79280	79352	13563	51036	0414
0.76677	00852	06641	92552	4095
0.73940	48153	58032	52649	6514
0.71075	94999	58041	12676	9559
0.68088	37292	96269	59804	4384
0.64982	92238	10262	23258	6887
0.61764	97445	46925	96445	0186
0.58440	10000	91577	88031	9607
0.55014	05501	25645	55150	3015
0.51492	77057	79916	64052	7992
0.47882	34269	55803	15701	5809
0.44189	02167	92348	26653	7336
0.40419	20134	61653	61319	0807
0.36579	40794	80035	92532	6018
0.32676	28887	26526	30235	8400
0.28716	60113	64297	24694	2702
0.24707	19968	64234	75690	4240
0.20655	02553	33159	60711	4475
0.16567	09373	52137	81838	5950
0.12450	48125	32900	26162	5085
0.08312	31470	02610	99169	7497
0.04159	75800	29079	45597	4891
0.00000	00000	00000	00000	0000

0.00130	15917	17375	85599	389
0.00302	76710	14606	04129	123
0.00475	10691	85015	27396	590
0.00646	64649	07037	53840	196
0.00817	07107	07327	82640	372
0.00986	08249	16114	01839	205
0.01153	38733	28304	49596	681
0.01318	69567	62824	80211	961
0.01481	72122	89814	46852	014
0.01642	18171	19024	64004	360
0.01799	79931	25645	05063	795
0.01954	30115	20127	88937	957
0.02105	41975	12282	84223	645
0.02252	89349	13865	77645	055
0.02396	46706	53716	95917	477
0.02535	89191	90216	37909	421
0.02670	92668	10120	85177	235
0.02801	33758	04780	54082	526
0.02926	89885	15725	98680	503
0.03047	39312	42214	53920	314
0.03162	61180	03749	64805	603
0.03272	35541	50934	22052	152
0.03376	43398	18334	09264	696
0.03474	66732	13330	40653	510
0.03566	88537	35240	45308	912
0.03652	92849	19290	33900	685
0.03732	64772	00332	09016	731
0.03805	90504	91513	60313	563
0.03872	57365	73432	57584	147
0.03932	53812	89635	16252	077
0.03985	69465	44656	35257	597
0.04031	95121	01141	57755	817
0.04071	22771	72937	33029	876
0.04103	45618	11392	10667	622
0.04128	58080	82467	18908	346
0.04146	55810	32619	09213	525
0.04157	35694	41781	27878	300
0.04160	95863	62141	40938	047

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WEIGHTS

0.99950	59483	62153	07810	6202
0.99739	77863	55355	43669	1434
0.99360	87727	23526	98461	6191
0.98814	44533	59837	43849	8645
0.98101	39389	75655	89525	1838
0.97222	92285	20376	90447	8080
0.96180	51267	58767	82716	8032
0.94975	92077	10896	38508	4895
0.93611	17819	34810	79626	3223
0.92088	58612	52150	11849	1581
0.90410	71195	45566	82854	4426
0.88580	38492	92082	78721	4910
0.86600	69137	71981	95522	7868
0.84474	96949	83342	39401	0890
0.82206	80373	28974	61347	7771
0.79800	01871	61200	16975	2810
0.77258	67282	81809	76129	7674
0.74587	05135	03610	44314	8639
0.71789	65923	87703	63937	3006
0.68871	21352	77640	59699	6525
0.65836	63537	58142	63027	5233
0.62691	04176	72266	55914	5452
0.59439	73688	36792	91815	1506
0.56088	20316	01237	47899	9162
0.52642	09204	01242	59095	5307
0.49107	21444	62193	86486	1745
0.45489	53098	13726	33943	3841
0.41795	14187	80327	29879	5660
0.38030	27671	17504	44346	7505
0.34201	28389	66962	02393	1201
0.30314	61998	07907	77809	9415
0.26376	83875	84994	27647	9406
0.22394	58021	96474	13376	2638
0.18374	55935	28914	47741	9245
0.14323	55482	27267	52144	5508
0.10248	39753	91227	01830	0051
0.06155	95913	90611	20842	8668
0.02053	14039	93998	63550	1747

0.00126	77916	34085	35966	328
0.00294	91029	53642	47490	039
0.00462	79352	28037	42132	613
0.00629	91804	97328	44586	657
0.00795	98474	77239	73462	112
0.00960	71054	14713	75408	240
0.01123	81685	69667	68723	967
0.01285	02838	47510	14494	492
0.01444	07317	48276	67993	989
0.01600	68299	12248	57088	851
0.01754	59372	91474	23095	420
0.01905	54584	67190	58280	680
0.02053	28479	67908	02109	297
0.02197	56145	34416	24916	801
0.02338	13253	07011	18662	248
0.02474	76099	20659	67164	326
0.02607	21644	97985	98352	427
0.02735	27555	31827	52167	415
0.02858	72236	50054	00377	398
0.02977	34872	55905	04095	671
0.03090	95460	37491	59538	994
0.03199	34843	40421	60006	854
0.03302	34743	97791	74100	654
0.03399	77794	12056	38084	674
0.03491	47564	83550	76744	413
0.03577	28593	80713	94752	778
0.03657	06411	47329	61700	724
0.03730	67565	42381	60982	757
0.03797	99643	08405	28319	524
0.03858	91292	64506	73834	292
0.03913	32242	20518	44076	751
0.03961	13317	09062	05842	315
0.04002	26455	32596	82611	646
0.04036	64721	22844	02315	410
0.04064	22317	10294	73877	746
0.04084	94593	01828	49228	039
0.04098	78054	64793	95154	131
0.04105	70369	16229	42259	326

ABSCISSAS

WEIGHTS

0.99951	86146	33410	00974	8581
0.99746	44778	69214	09987	4870
0.99377	24709	49878	24830	8911
0.98844	78382	22561	30732	5019
0.98149	92273	31138	46238	8345
0.97293	80307	49108	39034	6306
0.96277	83064	67734	31194	0162
0.95103	67436	00591	87152	3429
0.93773	26319	59061	04419	0142
0.92288	78293	59402	19992	8045
0.90652	67253	21257	81802	1091
0.88867	62008	25564	06989	4835
0.86936	55840	67734	05987	8654
0.84862	66022	29624	03646	9578
0.82649	33293	29002	11943	5587
0.80300	21302	22925	22738	3638
0.77819	16008	52543	14187	2868
0.75210	25048	25215	94138	4387
0.72477	77064	36911	72878	0786
0.69626	21002	44242	22479	1020
0.66660	25373	01451	49359	0916
0.63584	77481	83312	36701	3651
0.60404	82629	20257	38497	0148
0.57125	63279	77198	25080	6983
0.53752	58204	12377	73902	4425
0.50291	21593	57251	51780	7726
0.46747	22149	62811	79464	4644
0.43126	42149	61935	68207	2524
0.39434	76490	01263	56046	8468
0.35678	31708	99781	07057	8555
0.31863	24989	94687	30877	7523
0.27995	83147	38276	12206	4705
0.24082	41597	12432	19760	9682
0.20129	43312	29944	35663	8148
0.16143	37766	94160	93160	7184
0.12130	79868	90552	58664	1807
0.08098	28883	85503	13120	6498
0.04052	47352	09115	92593	0070
0.00000	00000	00000	00000	0000

0.00123	52911	77139	40961	417
0.00287	35530	83652	69165	728
0.00450	95236	00205	83533	324
0.00613	82961	59756	34183	927
0.00775	70259	50083	07073	184
0.00936	30236	92386	43076	926
0.01095	36428	53911	35423	859
0.01252	62673	69227	36518	736
0.01407	83123	40027	00405	017
0.01560	72272	68749	13129	508
0.01711	04999	06531	10417	624
0.01858	56602	48341	48550	918
0.02003	02845	34316	17639	625
0.02144	19992	05456	13550	512
0.02281	84847	90129	52051	291
0.02415	74797	07955	84494	059
0.02545	67839	81694	40375	264
0.02671	42628	49557	89083	200
0.02792	78502	71276	96854	151
0.02909	55523	21768	76134	870
0.03021	54504	66622	99869	140
0.03128	57047	13905	43339	396
0.03230	45566	37030	97559	357
0.03327	03322	63698	54530	284
0.03418	14448	26115	67926	532
0.03503	63973	67978	27845	488
0.03583	37852	03911	96260	264
0.03657	22982	27327	45453	346
0.03725	07230	62893	71887	876
0.03786	79450	60089	32026	167
0.03842	29501	24554	52367	368
0.03891	48263	84233	78562	103
0.03934	27656	87570	15193	713
0.03970	60649	31289	31068	104
0.04000	41272	15591	23741	035
0.04023	64628	24851	08419	527
0.04040	26900	32217	75617	033
0.04050	25357	26788	03195	525
0.04053	58358	62325	65029	205

ABSCISSAS

0.99953	07999	92423	75951	8690
0.99752	86383	78724	36150	2298
0.99392	99616	94488	74318	2190
0.98873	97320	93717	43438	4564
0.98196	61630	99550	49778	4518
0.97362	00785	06236	44205	9911
0.96371	48359	86755	90155	9840
0.95226	62946	89863	36371	7212
0.93929	27869	14946	59307	0647
0.92481	50877	80063	77636	0328
0.90885	63815	73188	25820	7326
0.89144	22244	58818	57880	8555
0.87260	05034	72724	50493	1392
0.85236	13918	22557	70328	6002
0.83075	73005	45911	27273	7268
0.80782	28265	94201	68676	8652
0.78359	46974	21142	78707	1318
0.75811	17121	62315	31507	0401
0.73141	46794	98830	39749	8445
0.70354	63523	03923	77212	0565
0.67455	13591	76750	79032	3894
0.64447	61329	72792	85459	3098
0.61336	88364	45184	77679	9409
0.58127	92851	15951	75522	1530
0.54825	88675	00612	60874	6769
0.51436	04628	13864	05802	1891
0.47963	83562	88107	23968	5151
0.44414	81522	40408	60306	7264
0.40794	66850	27098	39164	6849
0.37109	19280	28596	27432	5727
0.33364	29008	10210	56078	2719
0.29565	95746	07580	14522	2958
0.25720	27762	88112	44298	8523
0.21833	40909	42211	97881	3689
0.17911	57632	60289	15156	2423
0.13961	05978	53483	59490	9276
0.09988	18586	77728	41052	8495
0.05999	31677	22217	69363	5875
0.02000	84031	24517	92295	2067

WEIGHTS

0.00120	40245	66067	35328	033
0.00280	08688	11838	63041	161
0.00439	55960	39460	34674	274
0.00598	34899	44440	40798	965
0.00756	18431	89439	71882	698
0.00912	80992	27255	08727	694
0.01067	97421	57481	11335	352
0.01221	42845	49789	88639	768
0.01372	92679	20144	14839	373
0.01522	22656	80178	45169	332
0.01669	08866	89343	89186	621
0.01813	27789	54982	32864	441
0.01954	56333	43399	92337	792
0.02092	71872	51877	72678	538
0.02227	52282	19113	88676	305
0.02358	75974	61457	47209	645
0.02486	21933	26222	45076	144
0.02609	69746	55108	83502	983
0.02728	99640	51624	36486	456
0.02843	92510	46897	51626	239
0.02954	29951	58606	94641	162
0.03059	94288	38013	04528	943
0.03160	68603	00304	79773	888
0.03256	36762	33689	04440	806
0.03346	83443	82858	97797	298
0.03431	94160	02689	09029	029
0.03511	55281	78217	18947	488
0.03585	54060	07191	69544	501
0.03653	78646	41684	70064	819
0.03716	18111	85498	38685	067
0.03772	62464	44324	24786	429
0.03823	02665	25850	98764	962
0.03867	30642	87257	67400	390
0.03905	39306	27773	41314	731
0.03937	22556	24233	12193	722
0.03962	75295	07810	54295	639
0.03981	93434	80364	08922	503
0.03994	73903	69088	02487	930
0.04001	14651	18420	48298	878

ABSCISSAS

WEIGHTS

0.99954	25284	79569	84432	4152
0.99759	03943	36941	43517	6854
0.99408	15547	85542	62241	1155
0.98902	07076	87784	33787	4758
0.98241	56592	51278	93009	8581
0.97427	66995	97807	11817	8834
0.96461	65291	14864	78610	7450
0.95345	02278	89269	13596	3276
0.94079	52293	06577	25030	0017
0.92667	12918	80903	87366	4523
0.91110	04680	34580	80024	5006
0.89410	70695	04235	10131	0430
0.87571	76293	03529	47665	9518
0.85596	08602	55219	37647	3271
0.83486	76101	37777	88206	7314
0.81247	08135	07806	77376	4808
0.78880	54402	69197	76556	5029
0.76390	84410	67170	10845	8326
0.73781	86895	91278	20952	5322
0.71057	69218	76824	16375	8205
0.68222	56726	99071	05927	7620
0.65280	92091	59343	99852	4893
0.62237	34615	66577	23888	2910
0.59096	59517	22139	98285	3282
0.55863	57187	19858	90665	5853
0.52543	32423	77054	54789	6268
0.49141	03644	16119	82109	5861
0.45662	02075	19689	13114	8710
0.42111	70923	85771	92873	2146
0.38495	64529	12350	88392	2247
0.34819	47496	43867	86723	9137
0.31088	93816	14736	43720	8875
0.27309	85967	27523	54374	2536
0.23488	14008	05731	91587	7249
0.19629	74654	63184	64165	9194
0.15740	70349	33861	60502	8226
0.11827	08320	07660	88116	6912
0.07894	99632	18954	40544	8085
0.03950	58234	35974	06405	8995
0.00000	00000	00000	00000	0000

0.00117	39301	29956	61302	120
0.00273	09070	65754	85591	853
0.00428	59291	13126	53121	822
0.00583	44598	68763	46558	921
0.00737	39211	31330	17683	039
0.00890	18809	82652	48625	374
0.01041	59462	04513	38257	918
0.01191	37502	15116	99869	960
0.01339	29533	44825	67619	731
0.01485	12455	26350	06931	858
0.01628	63495	76191	68209	184
0.01769	60246	24310	41786	466
0.01907	80695	58937	48858	478
0.02043	03264	38140	85987	844
0.02175	06838	46608	07976	864
0.02303	70801	85719	02627	698
0.02428	75068	88799	49263	942
0.02550	00115	55128	77394	734
0.02667	27009	97105	55653	788
0.02780	37441	95447	05894	444
0.02889	13751	57607	26678	164
0.02993	38956	74838	36289	565
0.03092	96779	73524	83528	829
0.03187	71672	56611	17036	052
0.03277	48841	31130	81785	342
0.03362	14269	18030	93004	992
0.03441	54738	40676	60088	259
0.03515	57850	88611	13112	825
0.03584	12047	53345	75228	921
0.03647	06626	33153	42752	926
0.03704	31759	04046	78415	984
0.03755	78506	54329	77047	791
0.03801	38832	80326	04954	552
0.03841	05617	41104	17740	542
0.03874	72666	70239	96706	819
0.03902	34723	42879	79602	651
0.03923	87474	96594	64355	492
0.03939	27560	04743	00393	426
0.03948	52574	01291	16475	372
0.03951	61072	56271	31170	916

ABSCISSAS

0.99955	38226	51630	62988	0080
0.99764	98643	98237	68889	9494
0.99422	75409	65688	27789	2064
0.98929	13024	99755	53102	6503
0.98284	85727	38629	07041	8288
0.97490	91405	85727	79338	5645
0.96548	50890	43799	25145	2273
0.95459	07663	43634	90549	3482
0.94224	27613	09872	67475	2266
0.92845	98771	72445	79595	3046
0.91326	31025	71757	65416	4734
0.89667	55794	38770	68319	4324
0.87872	25676	78213	82870	3773
0.85943	14066	63111	09697	7192
0.83883	14735	80255	27561	6623
0.81695	41386	81463	47037	1125
0.79383	27175	04605	44994	8639
0.76950	24201	35041	37386	5616
0.74400	02975	83597	27231	6541
0.71736	51853	62099	88025	4068
0.68963	76443	42027	60077	1208
0.66085	98989	86119	80173	5967
0.63107	57730	46871	96624	7928
0.60033	06228	29751	74315	4746
0.56867	12681	22709	78472	5486
0.53614	59208	97131	93201	9857
0.50280	41118	88784	98759	3673
0.46869	66151	70544	47703	6078
0.43387	53708	31756	09306	2387
0.39839	34058	81969	22702	4380
0.36230	47534	99487	31561	9043
0.32566	43707	47701	91461	9113
0.28852	80548	84511	85310	9139
0.25095	23583	92272	12049	3159
0.21299	45028	57666	13257	2389
0.17471	22918	32646	81255	9339
0.13616	40228	09143	88655	9241
0.09740	83984	41584	59906	3278
0.05850	44371	52420	66862	8993
0.01951	13832	56793	99765	4351

WEIGHTS

0.00114	49500	03186	94153	455
0.00266	35335	89512	68166	929
0.00418	03131	24694	89520	674
0.00569	09224	51403	19864	927
0.00719	29047	68117	31275	268
0.00868	39452	69260	85842	641
0.01016	17660	41103	06452	083
0.01162	41141	20797	82691	647
0.01306	87615	92401	33929	379
0.01449	35080	40509	07611	696
0.01589	61835	83725	68804	490
0.01727	46520	56269	30635	858
0.01862	68142	08299	03142	874
0.01995	06108	78141	99892	889
0.02124	40261	15782	00638	871
0.02250	50902	46332	46192	622
0.02373	18828	65930	10129	319
0.02492	25357	64115	49110	512
0.02607	52357	67565	11790	297
0.02718	82275	00486	38067	442
0.02825	98160	57276	86239	675
0.02928	83695	83267	84769	277
0.03027	23217	59557	98066	122
0.03121	01741	88114	70164	244
0.03210	04986	73487	77314	806
0.03294	19393	97645	40138	284
0.03373	32149	84611	52281	668
0.03447	31204	51753	92879	436
0.03516	05290	44747	59349	553
0.03579	43939	53416	05460	286
0.03637	37499	05835	97804	396
0.03689	77146	38276	00883	915
0.03736	54902	38730	49002	671
0.03777	63643	62001	39748	978
0.03812	97113	14477	63834	421
0.03842	49930	06959	42318	521
0.03866	17597	74076	46332	708
0.03883	96510	59051	96893	177
0.03895	83959	62769	53119	863
0.03901	78136	56306	65481	128

ABSCISSAS

WEIGHTS

0.99956	47036	90319	03447	6721
0.99770	71599	88346	46365	7951
0.99436	81932	85219	86502	2677
0.98955	20213	71021	99912	7889
0.98326	57085	66430	22721	9941
0.97551	85726	72361	29691	6254
0.96632	21163	38056	11107	0092
0.95568	99997	56402	51524	8837
0.94363	80176	52813	82118	0582
0.93018	40749	15167	50302	2546
0.91534	81596	40750	71728	9078
0.89915	23132	86156	53085	2666
0.88162	05978	46720	14616	8274
0.86277	90600	69791	89467	3748
0.84265	56927	36467	04620	6713
0.82128	03930	60910	22345	8768
0.79868	49182	65028	28215	7202
0.77490	28383	92423	43140	5637
0.74996	94864	30620	67222	2515
0.72392	19058	15052	61444	3364
0.69679	87953	92435	60968	1861
0.66864	04519	25090	14660	4899
0.63948	87102	21494	55464	4762
0.60938	68809	81936	54605	8808
0.57837	96864	51551	36948	2078
0.54651	31939	76311	27307	9586
0.51383	47475	60658	21552	2020
0.48039	28975	28448	27014	2663
0.44623	73283	91699	05664	8103
0.41141	87850	34297	54168	6006
0.37598	89973	20331	28792	0517
0.34000	06032	39048	33977	5820
0.30350	70707	00626	16455	1632
0.26656	26180	98935	33914	5502
0.22922	21337	59316	10544	1507
0.19154	10943	91042	85573	9847
0.15357	54826	65630	63685	6788
0.11538	17040	43436	71125	8854
0.07701	65029	72127	17731	8291
0.03853	68785	81511	98383	6486
0.00000	00000	00000	00000	0000

0.00111	70298	47124	60660	612
0.00259	86222	99928	95301	349
0.00407	85511	13421	39558	602
0.00555	26113	70256	27890	227
0.00701	84604	84931	62551	161
0.00847	38937	85345	56544	962
0.00991	67418	09595	87549	975
0.01134	48584	95416	25576	201
0.01275	61211	15134	42100	026
0.01414	84325	13236	06554	825
0.01551	97239	12464	36293	825
0.01686	79578	67635	13947	433
0.01819	11312	41255	76115	176
0.01948	72781	55601	91821	593
0.02075	44729	01445	60853	952
0.02199	08327	92751	63277	050
0.02319	45209	60273	91988	146
0.02436	37490	78563	09733	249
0.02549	67800	21665	67706	948
0.02659	19304	43219	92109	092
0.02764	75732	76924	92691	109
0.02866	21401	53560	67622	579
0.02963	41237	30905	59765	848
0.03056	20799	33052	66189	566
0.03144	46300	95774	06641	804
0.03228	04630	14732	68887	240
0.03306	83368	93488	00442	088
0.03380	70811	88396	24555	120
0.03449	55983	47659	79589	475
0.03513	28654	41939	37941	598
0.03571	79356	84104	56853	073
0.03624	99398	35863	41279	833
0.03672	80874	99180	43951	691
0.03715	16682	90563	71214	474
0.03752	00528	96475	83785	924
0.03783	26940	08300	55924	758
0.03808	91271	35475	60183	102
0.03828	89712	95583	52443	032
0.03843	19295	80375	17210	026
0.03851	77895	96884	69523	784
0.03854	64237	82980	70338	951

ABSCISSAS

WEIGHTS

0.99957	51915	01652	64887	4129
0.99776	23858	26385	86256	2358
0.99450	37683	78075	62893	4000
0.98980	33388	39908	94993	2625
0.98366	78235	22007	60336	7888
0.97610	60970	94498	82869	1420
0.96712	91162	52590	69599	6077
0.95674	98938	61610	90312	1799
0.94498	34774	38960	48918	2246
0.93184	69264	54622	88785	4733
0.91735	92872	53280	10714	5762
0.90154	15652	88841	25819	6285
0.88441	66945	96724	70822	7991
0.86600	95045	04765	44857	0684
0.84634	66836	12913	70179	5724
0.82545	67410	85767	65602	8635
0.80336	99653	10108	29930	1883
0.78011	83799	75358	24519	3967
0.75573	56976	39560	41729	7554
0.73025	72708	47596	24505	1693
0.70372	00408	72166	67849	3836
0.67616	24841	51647	02456	5951
0.64762	45565	02346	59856	6311
0.61814	76351	85978	68204	1030
0.58777	44589	16284	86715	3709
0.55654	90658	91763	81234	7322
0.52451	67299	44327	76797	5080
0.49172	38948	96449	32246	3459
0.45821	81072	21963	19782	2863
0.42404	79471	08150	72216	3559
0.38926	29580	19054	81592	1047
0.35391	35748	62147	93640	5395
0.31805	10508	62501	50501	0084
0.28172	73832	50480	10236	8264
0.24499	52378	70704	53783	9177
0.20790	78728	21592	35096	6229
0.17051	90612	36190	15976	7099
0.13288	30133	16257	52576	4814
0.09505	42977	32644	87395	2887
0.05708	77625	05926	93190	2960
0.01903	84554	82006	81376	1455

0.00109	01185	95275	83086	611
0.00253	60546	96856	10610	982
0.00398	04579	37856	07461	903
0.00541	92762	32446	76509	071
0.00685	02745	34183	52618	433
0.00827	13518	18383	68560	443
0.00968	04407	04371	07373	697
0.01107	54957	81759	89632	022
0.01245	44934	01142	10467	973
0.01381	54337	14126	45938	773
0.01515	63432	70762	56178	847
0.01647	52777	63983	70889	101
0.01777	03247	98498	40714	698
0.01903	96066	40178	92507	304
0.02028	12829	26912	15890	157
0.02149	35533	30774	84404	349
0.02267	46601	64914	10310	244
0.02382	28909	30047	82634	223
0.02493	65807	96240	75515	577
0.02601	41150	16017	02375	387
0.02705	39312	65124	77151	979
0.02805	45219	07454	23047	171
0.02901	44361	80764	40396	145
0.02993	22823	00012	72463	509
0.03080	67294	75215	62981	367
0.03163	65098	40900	24553	762
0.03242	04202	94340	60507	784
0.03315	73242	39907	21132	776
0.03384	61532	36996	85874	464
0.03448	59085	49150	70550	738
0.03507	56625	92112	69038	478
0.03561	45602	78727	47268	050
0.03610	18202	58727	02307	570
0.03653	67360	51607	65284	220
0.03691	86770	70954	45699	853
0.03724	70895	38727	66418	784
0.03752	14972	88185	02087	157
0.03774	15024	54275	86967	154
0.03790	67860	50505	78477	946
0.03801	71084	31435	26990	530
0.03807	23096	40141	87120	770

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WEIGHTS

0.99958	53048	07049	34381	2604
0.99781	56404	03429	96175	6266
0.99463	45076	31780	32340	7966
0.99004	57012	97265	22277	2328
0.98405	56295	96681	47153	7067
0.97667	27500	72842	93423	2188
0.96790	75054	50128	72954	7015
0.95777	22991	22767	10596	1512
0.94628	14750	11790	87444	2295
0.93345	12964	01838	61923	5680
0.91929	99225	87207	94378	0996
0.90384	73830	22899	50808	1721
0.88711	55489	05063	34074	0519
0.86912	81021	78716	98349	9116
0.84991	05019	98933	79733	8429
0.82948	99486	84984	27640	1756
0.80789	53452	14589	63229	7865
0.78515	72563	10815	84028	7636
0.76130	78651	78458	74071	9255
0.73638	09279	50564	26740	7382
0.71041	17259	09217	46448	0458
0.68343	70155	48021	78025	5841
0.65549	49765	46823	71748	3086
0.62662	51577	32239	35849	4923
0.59686	84211	00418	31239	1831
0.56626	68839	81240	80300	7684
0.53486	38594	25785	31058	0243
0.50270	37949	01426	13202	1111
0.46983	22093	81320	32871	7450
0.43629	56289	17319	27548	5498
0.40214	15207	87488	73556	4029
0.36741	82263	11440	36740	1593
0.33217	48924	28564	18231	5162
0.29646	14021	36003	19111	0713
0.26032	83038	84825	91791	2496
0.22382	67400	34327	39919	3192
0.18700	83744	65722	68078	9553
0.14992	53194	57686	81779	6109
0.11263	00619	27240	30780	7979
0.07517	53891	40377	28232	6814
0.03761	43139	97584	38266	7579
0.00000	00000	00000	00000	0000

0.00106	41682	19666	56775	638
0.00247	57193	22545	93974	333
0.00388	58594	35353	20219	200
0.00529	06814	45859	86555	524
0.00668	80516	35243	68574	136
0.00807	59665	93123	45228	359
0.00945	24550	92479	69988	824
0.01081	55665	58037	15872	036
0.01216	33707	27798	61206	303
0.01349	39595	12375	23498	070
0.01480	54494	00717	87768	085
0.01609	59840	11935	37091	544
0.01736	37366	73824	62235	017
0.01860	69129	85478	47284	167
0.01982	37533	45654	93904	931
0.02101	25354	37269	91787	401
0.02217	15766	61803	62262	199
0.02329	92365	18900	54937	016
0.02439	39189	27158	55749	743
0.02545	40744	82489	49675	082
0.02647	82026	50673	76248	511
0.02746	48538	90903	26123	893
0.02841	26317	07247	64156	375
0.02932	01946	25104	52791	804
0.03018	62580	89814	41705	410
0.03100	95962	84739	19484	307
0.03178	90438	66222	15064	355
0.03252	34976	12968	06599	129
0.03321	19179	87505	01518	117
0.03385	33306	07515	19869	931
0.03444	68276	24950	51683	252
0.03499	15690	10979	65473	152
0.03548	67837	44947	10264	584
0.03593	17709	05660	64734	733
0.03632	59006	63462	28889	990
0.03666	86151	71678	09004	390
0.03695	94293	56184	97107	976
0.03719	79316	01976	73054	400
0.03738	37843	35757	40441	092
0.03751	67245	03737	27271	506
0.03759	65639	43955	17759	197
0.03762	31896	52600	12332	575

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0.99959	50612	26923	24220	4747
0.99786	70164	21711	96156	1419
0.99476	06382	61284	64119	5837
0.99027	95289	65356	68733	4216
0.98442	97971	27581	65151	9075
0.97721	95073	58315	78265	4301
0.96865	86161	73621	89769	0628
0.95875	89587	29693	47201	9949
0.94753	42099	47443	12281	1276
0.93499	98847	63558	81775	2401
0.92117	33063	63051	21772	7207
0.90607	35840	94008	42133	9976
0.88972	15869	88315	46080	3939
0.87213	99148	83579	03202	9811
0.85335	28671	68918	66159	8741
0.83338	64091	90021	42884	6053
0.81226	81363	56123	03902	2938
0.79002	72359	96596	86796	7738
0.76669	44470	18836	28266	6900
0.74230	20174	22609	92077	3522
0.71688	36597	29274	82382	2882
0.69047	45043	87248	47122	0307
0.66311	10512	18014	63433	6199
0.63483	11189	69691	48364	4014
0.60567	37930	47833	38968	4269
0.57567	93714	95674	15604	1916
0.54488	93092	98449	68891	2647
0.51334	61610	88761	40004	8104
0.48109	35223	32156	17605	4309
0.44817	59690	74202	33115	8500
0.41463	89963	32331	21933	9990
0.38052	89552	17588	70053	8801
0.34589	29888	73197	05903	3130
0.31077	89673	18463	97262	7971
0.27523	54212	88088	56049	9354
0.23931	14751	58303	36570	9293
0.20305	67790	52553	47812	8809
0.16652	14402	20548	15896	6445
0.12975	59537	85524	74180	0538
0.09281	11329	55437	88274	6250
0.05573	80387	94528	21699	9273
0.01858	79096	52332	13328	6830

WEIGHTS

0.00103	91335	16451	97188	919
0.00241	75112	65443	12285	523
0.00379	45916	50452	34969	639
0.00516	66051	82746	80832	988
0.00653	15136	87713	65460	112
0.00788	74057	52648	14638	211
0.00923	24007	84190	24701	438
0.01056	46376	23008	24526	485
0.01188	22740	89801	22349	505
0.01318	34886	79182	34598	680
0.01446	64827	89161	18624	227
0.01572	94830	95583	59820	160
0.01697	07439	55211	61134	308
0.01818	85497	96056	54992	760
0.01938	12174	77318	80864	781
0.02054	70986	09756	27861	152
0.02168	45818	30644	82298	924
0.02279	20950	28942	12933	889
0.02386	81075	16958	23938	472
0.02491	11321	45206	42888	439
0.02591	97273	57334	64772	516
0.02689	24991	82197	63751	582
0.02782	81031	60258	40603	577
0.02872	52462	01621	80221	266
0.02958	26883	73110	84528	961
0.03039	92446	11902	46977	311
0.03117	37863	63345	66129	197
0.03190	52431	40692	72748	402
0.03259	26040	04584	25718	361
0.03323	49189	60240	44407	472
0.03383	13072	70425	98480	372
0.03438	09236	82372	70062	134
0.03488	30295	66963	30845	642
0.03533	69239	68601	27616	039
0.03574	19795	64315	30727	789
0.03609	76365	30772	56670	175
0.03640	34033	18002	12248	863
0.03665	88573	28759	07563	658
0.03686	36455	02590	30771	845
0.03701	74848	03794	52058	524
0.03712	01626	12602	09427	373
0.03717	15370	19034	06760	328

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WEIGHTS

0.99960	44773	57478	45432	6304
0.99791	66011	98116	93315	0309
0.99488	23742	95616	27845	3367
0.99050	52177	16415	96378	7124
0.98479	09576	85580	49732	7164
0.97774	72884	12243	39193	3334
0.96938	37119	23678	32800	5136
0.95971	15159	57188	36239	6347
0.94874	37562	54578	95340	4649
0.93649	52381	16430	69968	6698
0.92298	24960	96090	04558	8769
0.90822	37715	39091	88489	6825
0.89223	89878	91355	90158	1714
0.87504	97237	69097	08763	8653
0.85667	91838	09956	18909	5811
0.83715	21673	37082	65019	8542
0.81649	50348	74791	61472	0573
0.79473	56725	59116	50544	7149
0.77190	34544	90293	07866	0311
0.74802	92030	77434	07395	6270
0.72314	51474	28601	02138	4583
0.69728	48798	42249	54765	0964
0.67048	33104	58662	66070	2672
0.64277	66201	32514	71484	3400
0.61420	22115	90136	99307	1297
0.58479	86589	37388	08571	0292
0.55460	56555	86269	43315	8991
0.52366	39606	70567	87478	8045
0.49201	53440	22851	31047	7142
0.45970	25297	87088	72076	1470
0.42676	91387	43009	70172	1995
0.39325	96294	20059	19065	0215
0.35921	92380	80438	04875	6645
0.32469	39176	52247	55745	4017
0.28973	02756	95173	70353	8710
0.25437	55114	82453	52249	7731
0.21867	73522	84059	01571	0243
0.18268	39889	37112	67387	6281
0.14644	40107	90510	98921	0902
0.11000	63401	11577	23735	2680
0.07342	01660	43291	12561	9508
0.03673	48782	01249	66352	0469
0.00000	00000	00000	00000	0000

0.00101	49719	08967	74369	537
0.00236	13317	04285	02089	677
0.00370	65001	25759	31670	687
0.00504	68384	26924	44272	545
0.00638	03985	87897	51509	869
0.00770	53559	60382	75707	990
0.00901	99154	39993	63127	897
0.01032	23002	30524	24589	382
0.01161	07512	86703	89800	962
0.01288	35288	56498	08429	051
0.01413	89145	48400	83293	056
0.01537	52135	42389	62687	441
0.01659	07568	31154	67007	521
0.01778	39034	51398	17090	774
0.01895	30426	88182	84044	681
0.02009	65962	43575	42174	179
0.02121	30203	64089	37967	242
0.02230	08079	22839	37418	946
0.02335	84904	52989	89189	770
0.02438	46401	29435	68314	242
0.02537	78716	95866	08847	737
0.02633	68443	34514	35982	173
0.02726	02634	76011	16478	577
0.02814	68825	46865	07584	638
0.02899	55046	52190	15208	987
0.02980	49841	91395	88737	561
0.03057	42284	04649	99572	392
0.03130	21988	48020	87044	840
0.03198	79127	95304	67445	977
0.03263	04445	64642	17818	904
0.03322	89267	68132	76976	253
0.03378	25514	82757	53033	131
0.03429	05713	41029	84670	822
0.03475	23005	39900	63752	925
0.03516	71157	66555	78824	981
0.03553	44570	39855	69908	199
0.03585	38284	66280	81255	692
0.03612	47989	09362	46037	475
0.03634	70025	71695	20376	676
0.03652	01394	88744	88485	748
0.03664	39759	33785	70248	641
0.03671	83447	33419	61622	215
0.03674	31454	93252	10660	021

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WEIGHTS

0.99961	35688	41325	85701	7352
0.99796	44770	35243	94478	5198
0.99499	99174	85337	89622	4028
0.99072	31407	45518	70521	9946
0.98513	97067	32502	41361	1135
0.97825	69602	53684	71662	2482
0.97008	39726	85740	13135	8567
0.96063	15209	42898	44862	9415
0.94991	20708	52210	25571	2008
0.93793	97599	09892	61443	3043
0.92473	03783	22861	94977	7046
0.91030	13480	46165	83021	0553
0.89467	16997	39446	33437	9039
0.87786	20476	33365	93733	9916
0.85989	45623	22684	95530	0209
0.84079	29415	14433	05169	9711
0.82058	23787	66160	22153	7050
0.79928	95302	53661	78813	6253
0.77694	24796	11023	37105	4470
0.75357	07008	88808	90349	7941
0.72920	50196	78928	32289	8718
0.70387	75724	57267	69479	6427
0.67762	17641	97588	51065	5952
0.65047	22243	12526	23285	0995
0.62246	47609	79750	81191	3254
0.59363	63139	13498	03367	2088
0.56402	49056	43741	32901	5105
0.53366	95913	67248	68330	3849
0.50261	04074	36657	27450	1913
0.47088	83185	55497	78357	7945
0.43854	51637	48809	09401	1783
0.40562	36011	80600	39615	1174
0.37216	70518	90939	61032	4135
0.33821	96425	26872	66641	1964
0.30382	61471	42705	73506	2772
0.26903	19281	46410	30510	0410
0.23388	28764	70037	46374	0116
0.19842	53510	43051	40281	4532
0.16270	61176	48411	71433	7532
0.12677	22872	42048	25298	6199
0.09067	12538	17080	16703	1377
0.05445	06318	94731	20602	9935
0.01815	81937	24385	81593	3443

0.00099	16432	66620	36352	557
0.00230	70874	88809	90292	597
0.00362	14392	49610	90143	756
0.00493	11840	96960	10369	642
0.00623	44591	39140	12346	389
0.00752	95216	12194	56260	685
0.00881	46571	01954	81570	378
0.01008	81684	60386	10565	467
0.01134	83751	56177	70397	717
0.01259	36146	78069	69781	041
0.01382	22444	52766	67086	665
0.01503	26439	05081	37868	495
0.01622	32165	49729	02258	808
0.01739	23920	75690	54238	672
0.01853	86284	06709	85920	631
0.01966	04137	29562	17980	740
0.02075	62684	84909	14279	058
0.02182	47473	16927	62780	068
0.02286	44409	78548	00644	577
0.02387	39781	89479	00497	322
0.02485	20274	44399	83591	833
0.02579	72987	68839	53540	777
0.02670	85454	20372	20957	531
0.02758	45655	32851	24838	738
0.02842	42037	01493	49475	731
0.02922	63525	06709	94458	366
0.02998	99539	74664	93249	134
0.03071	40009	72632	05318	304
0.03139	75385	37302	86555	853
0.03203	96651	34294	01611	023
0.03263	95338	47189	92195	610
0.03319	63534	94551	59712	009
0.03370	93896	73417	55486	497
0.03417	79657	27919	90463	424
0.03460	14636	41737	69225	993
0.03497	93248	53210	09937	141
0.03531	10509	92034	20508	058
0.03559	62045	36575	49559	069
0.03583	44093	90924	05578	978
0.03602	53513	80935	25771	009
0.03616	87786	68600	63758	275
0.03626	45020	84202	38743	149
0.03631	23953	75813	33828	232

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WEIGHTS

0.99962	23504	32484	27238	9096
0.99801	07215	62982	35808	1679
0.99511	34581	37992	00594	5508
0.99093	36501	10964	57052	2868
0.98547	66060	68420	36796	3808
0.97874	93410	03816	27242	6478
0.97076	05197	47284	27435	3547
0.96152	04369	36073	16926	4230
0.95104	10013	89313	57391	9119
0.93933	57199	74205	74787	7988
0.92641	96798	91237	21995	1464
0.91230	95290	94122	88438	2983
0.89702	34547	67569	36701	7326
0.88058	11598	52041	84105	7713
0.86300	38376	29706	60257	0190
0.84431	41443	97035	22024	0557
0.82453	61702	55780	48013	3435
0.80369	54080	58177	77823	5321
0.78181	87205	45437	73635	4678
0.75893	43057	21349	31573	5428
0.73507	16605	05313	79410	2036
0.71026	15427	11472	90284	1968
0.68453	59314	02823	67411	9862
0.65792	79856	71349	39104	2954
0.63047	20018	97250	44729	3695
0.60220	33695	42335	20168	7955
0.57315	85255	34530	41187	4213
0.54337	49073	02293	35344	2616
0.51289	09045	19452	25914	0910
0.48174	58096	22666	80508	9462
0.44997	97671	65284	37840	1573
0.41763	37220	72869	05502	9911
0.38474	93668	67096	86366	3811
0.35136	90879	26041	31571	5694
0.31753	59108	50115	71433	1344
0.28329	34450	04091	87319	4452
0.24868	58273	06677	13159	9538
0.21375	76653	40101	60359	3763
0.17855	39798	53044	21429	8230
0.14312	01467	31008	13901	2399
0.10750	18385	08942	77160	5763
0.07174	49655	01499	42971	2831
0.03589	56166	26800	89947	2717
0.00000	00000	00000	00000	0000

0.00096	91097	38177	07533	761
0.00225	46907	53752	85309	248
0.00353	92716	55388	62854	018
0.00481	94562	38501	88589	931
0.00609	34620	47634	87213	010
0.00735	96236	48818	06366	077
0.00861	63028	38488	95183	295
0.00986	18777	13701	82671	658
0.01109	47419	40560	71927	972
0.01231	33060	30048	03654	229
0.01351	59991	18245	65808	188
0.01470	12708	87239	84222	989
0.01586	75935	18826	31900	292
0.01701	34636	43001	53443	365
0.01813	74042	65354	25205	022
0.01923	79666	65356	55878	505
0.02031	37322	60655	56952	657
0.02136	33144	33802	53159	362
0.02238	53603	18485	47821	420
0.02337	85525	42660	17225	782
0.02434	16109	26167	63233	921
0.02527	32941	30557	07316	412
0.02617	24012	58933	55894	973
0.02703	77734	03735	80728	398
0.02786	82951	40429	20598	963
0.02866	28959	65176	21838	859
0.02942	05516	74623	04824	922
0.03014	02856	86018	82474	395
0.03082	11702	95962	23415	372
0.03146	23278	76150	76393	796
0.03206	29320	04589	66777	766
0.03262	22085	30801	44392	580
0.03313	94365	73662	02353	629
0.03361	39494	50576	93558	422
0.03404	51355	36799	37345	518
0.03443	24390	53782	24376	594
0.03477	53607	85547	82924	871
0.03507	34587	22151	53655	663
0.03532	63486	29410	21369	843
0.03553	37045	44160	59391	133
0.03569	52591	94409	43377	648
0.03581	08043	43833	74175	663
0.03588	01910	60187	01587	774
0.03590	33299	07265	50144	208

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WEIGHTS

0.99963	08360	56270	65578	1323
0.99805	54080	53249	67760	6002
0.99522	31758	87988	87078	1101
0.99113	70781	54015	55511	1612
0.98580	21860	87763	55228	3936
0.97922	52031	54296	70377	6892
0.97141	44101	41322	27648	0368
0.96237	96460	63770	68298	9888
0.95213	22934	63802	11252	2033
0.94068	52633	02643	54526	2005
0.92805	29783	94692	05558	0504
0.91425	13551	04527	19133	9978
0.89929	77832	30057	05484	4673
0.88321	11040	59450	58162	3722
0.86601	15866	13781	33402	2913
0.84772	09020	98209	08719	7015
0.82836	20965	90456	24485	0838
0.80795	95619	99236	49182	4533
0.78653	90053	28287	15747	9979
0.76412	74162	84206	84196	7597
0.74075	30332	68607	77358	1768
0.71644	53077	97250	48565	9942
0.69123	48673	90880	43802	0343
0.66515	34769	84453	17222	1994
0.63823	39989	03326	45028	3541
0.61051	03514	56818	98623	9587
0.58201	74662	01287	35758	0758
0.55279	12439	26555	47279	7176
0.52286	85094	21143	75372	7045
0.49228	69650	73286	72288	5888
0.46108	51433	66196	51061	2751
0.42930	23583	27424	37021	1025
0.39697	86559	93491	05024	5984
0.36415	47639	52198	28781	5301
0.33087	20400	26196	27510	9126
0.29717	24201	62464	30558	7542
0.26309	83655	93362	60022	8498
0.22869	28093	35831	31389	6401
0.19399	91020	96146	78857	7960
0.15906	09576	48394	21594	4091
0.12392	23977	55479	06164	7622
0.08862	76967	02076	05880	4614
0.05322	13255	09403	57652	1964
0.01774	78959	02112	09828	8902

0.00094	73355	98161	92726	677
0.00220	40585	63143	69662	854
0.00345	98676	67862	79642	397
0.00471	14792	79598	66174	302
0.00595	71869	96138	04658	313
0.00719	53984	59796	37205	976
0.00842	45474	92702	47301	510
0.00964	30833	22053	20440	077
0.01084	94697	75429	27125	940
0.01204	21864	39581	21230	974
0.01321	97303	13627	91170	818
0.01438	06176	01299	94423	593
0.01552	33855	36933	55384	017
0.01664	65942	08217	65604	511
0.01774	88283	60324	07455	650
0.01882	86991	73755	45139	471
0.01988	48460	11274	11324	360
0.02091	59381	30576	62423	225
0.02192	06763	59989	85359	563
0.02289	77947	34781	14232	725
0.02384	60620	91859	66126	358
0.02476	42836	20768	73302	532
0.02565	13023	68961	94788	478
0.02650	60006	99434	73772	141
0.02732	73016	98855	33083	562
0.02811	41705	34408	61349	158
0.02886	56157	57635	42924	648
0.02958	06905	53619	34911	335
0.03025	84939	33943	52533	514
0.03089	81718	71912	19763	370
0.03149	89183	78604	89232	004
0.03205	99765	18406	38806	927
0.03258	06393	62732	10868	624
0.03306	02508	80746	70014	528
0.03349	82067	65953	09252	807
0.03389	39551	97610	25923	989
0.03424	69975	36020	07873	737
0.03455	68889	50807	08413	487
0.03482	32389	81399	35499	313
0.03504	57120	29004	26139	659
0.03522	40277	79459	10853	288
0.03535	79615	56423	84379	367
0.03544	73446	04470	76970	614
0.03549	20643	01714	54529	607

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WEIGHTS

0.99963	90388	64533	45958	1454
0.99809	86057	10273	92948	4265
0.99532	92404	06749	76032	7228
0.99133	37388	08665	30067	3175
0.98611	69478	61103	67400	4151
0.97968	52765	83876	64112	9616
0.97204	66427	48909	35970	4165
0.96321	04546	56535	44185	3845
0.95318	75972	92840	94057	8782
0.94199	04181	70214	91906	7879
0.92963	27118	23718	60337	3074
0.91612	97026	88823	43121	1063
0.90149	80262	83997	75208	7531
0.88575	57086	84469	94828	0781
0.86892	21442	97083	71925	5345
0.85101	80719	56677	44687	5567
0.83206	55493	70079	12710	8473
0.81208	79259	37486	03023	6494
0.79110	98139	83793	37145	6488
0.76915	70584	34801	10032	8117
0.74625	67049	75360	00938	0890
0.72243	69667	28508	24337	0400
0.69772	71894	96539	90589	4596
0.67215	78156	06759	55082	2670
0.64576	03464	06419	84871	6587
0.61856	73034	53019	12069	8681
0.59061	21884	47752	39304	3095
0.56192	94419	61464	30493	3288
0.53255	44010	03943	95696	9125
0.50252	32554	88829	55144	5760
0.47187	30036	47753	16379	0076
0.44064	14064	48651	81859	4850
0.40886	69410	74398	81869	6416
0.37658	87535	19067	60388	0406
0.34384	66103	60227	95247	7911
0.31068	08497	66689	79974	3267
0.27713	23318	02052	11794	7073
0.24324	23880	85282	04958	9001
0.20905	27708	70341	75587	2910
0.17460	56016	07596	27407	5495
0.13994	33190	50374	19666	7504
0.10510	86269	70613	41169	8691
0.07014	44415	48005	79213	2557
0.03509	38384	97457	00138	4747
0.00000	00000	00000	00000	0000

0.00092	62871	05193	47281	553
0.00215	51125	82219	11376	464
0.00338	31047	92407	45513	263
0.00460	70873	43463	24143	306
0.00582	54257	88770	10745	964
0.00703	65968	70989	11413	739
0.00823	91025	25389	07873	057
0.00943	14592	60797	89053	971
0.01061	21972	89972	18803	268
0.01177	98615	80874	89217	662
0.01293	30133	92602	67729	159
0.01407	02319	48644	48281	389
0.01519	01161	44666	12339	747
0.01629	12862	54792	38457	754
0.01737	23856	21502	40166	964
0.01843	20823	21784	11567	585
0.01946	90708	05151	87313	867
0.02048	20735	00400	27021	225
0.02146	98423	88561	14084	341
0.02243	11605	39836	36712	836
0.02336	48436	12455	44582	717
0.02426	97413	11522	33927	366
0.02514	47388	06002	56862	282
0.02598	87581	02073	83625	148
0.02680	07593	71129	17771	257
0.02757	97422	30784	58253	348
0.02832	47469	77305	20722	803
0.02903	48557	67926	81183	002
0.02970	91937	51612	45962	730
0.03034	69301	46849	12934	341
0.03094	72792	65154	84478	948
0.03150	95014	79034	28365	880
0.03203	29041	33189	58550	703
0.03251	68423	97863	20696	759
0.03296	07200	63261	11707	429
0.03336	39902	74077	32093	972
0.03372	61562	03214	57070	631
0.03404	67716	63871	08716	736
0.03432	54416	59239	08781	797
0.03456	18228	69137	80813	643
0.03475	56240	72981	42092	081
0.03490	66065	08560	70989	101
0.03501	45841	66196	44336	915
0.03507	94240	17902	02531	717
0.03510	10461	81273	07703	162

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WEIGHTS

0.99964	69712	86638	43746	3248
0.99814	03799	38568	15356	1306
0.99543	18120	58344	66392	6755
0.99152	39288	11062	78612	9147
0.98642	13650	57832	84873	4254
0.98013	02513	45148	38545	8953
0.97265	81620	90193	13999	7465
0.96401	40981	71505	48339	3667
0.95420	84738	81500	33616	0720
0.94325	31036	45357	76815	3575
0.93116	11875	00432	00700	5847
0.91794	72950	66586	38337	2356
0.90362	73479	31302	69386	9986
0.88821	86004	34745	98129	8376
0.87173	96188	62903	43447	4028
0.85421	02590	67071	88228	6021
0.83565	16425	33377	04556	4199
0.81608	61309	29481	05644	3754
0.79553	72991	58248	13486	3601
0.77402	99069	50334	24680	6958
0.75158	98690	29638	46817	8415
0.72824	42238	87390	36362	5800
0.70402	11012	02391	14355	5469
0.67894	96879	46597	14618	1269
0.65306	01932	16842	19196	1262
0.62638	38118	35045	12676	2609
0.59895	26867	60742	18588	8769
0.57079	98703	61220	97870	5362
0.54195	92845	85913	42618	9305
0.51246	56800	93027	97098	8463
0.48235	45943	77665	69252	0121
0.45166	23089	51869	36757	6379
0.42042	58056	28197	75610	1396
0.38868	27219	59498	20677	6509
0.35647	13058	88567	84613	1189
0.32383	03696	62345	96651	1395
0.29079	92430	66166	65154	9602
0.25741	77260	34420	12992	0888
0.22372	60406	94722	85926	8958
0.18976	47829	03379	01902	0874
0.15557	48733	30529	11951	1405
0.12119	75081	53924	08296	8749
0.08667	41094	20734	77008	5237
0.05204	62751	37206	94905	9279
0.01735	57291	46299	65246	1298

0.00090	59323	71214	83309	373
0.00210	77787	74526	32989	148
0.00330	88672	43336	01819	543
0.00450	61236	13674	97786	414
0.00569	79815	60747	35260	085
0.00688	29832	08463	28431	473
0.00805	96949	44620	01565	867
0.00922	66969	57741	99094	032
0.01038	25823	09893	21461	381
0.01152	59578	89148	05885	059
0.01265	54458	37168	12886	888
0.01376	96851	12337	09343	075
0.01486	73330	88043	32405	038
0.01594	70671	51006	63901	321
0.01700	75862	85222	67570	940
0.01804	76126	34460	23616	405
0.01906	58930	39137	31842	532
0.02006	12005	44639	59596	453
0.02103	23358	78722	56311	706
0.02197	81288	95934	13383	869
0.02289	74399	87163	18463	499
0.02378	91614	52528	72321	010
0.02465	22188	35904	85293	597
0.02548	55722	19443	22848	447
0.02628	82174	76514	58736	160
0.02705	91874	81547	95852	161
0.02779	75532	75302	27515	804
0.02850	24251	84161	41631	876
0.02917	29538	92100	74248	656
0.02980	83314	64031	27548	715
0.03040	77923	19286	95269	039
0.03097	06141	54080	92094	594
0.03149	61188	11818	63607	696
0.03198	36731	00218	57603	946
0.03243	26895	54255	61691	179
0.03284	26271	44007	50457	863
0.03321	29919	26551	31651	404
0.03354	33376	41124	27668	293
0.03383	32662	46831	68725	793
0.03408	24284	02253	99546	361
0.03429	05238	86375	04193	170
0.03445	73019	60324	25617	460
0.03458	25616	69496	89141	805
0.03466	61520	85688	24018	827
0.03470	79724	88950	05792	046

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WEIGHTS

0.99965	46450	76576	13038	2989
0.99818	07925	90534	75467	3220
0.99553	10425	05352	45368	9383
0.99170	79288	17277	10156	7620
0.98671	58857	23469	78690	7936
0.98056	07802	41213	43903	6863
0.97324	98618	30690	73432	2468
0.96479	17457	47276	07577	6495
0.95519	64007	32276	36387	4022
0.94447	51365	45718	66806	2792
0.93264	05903	56264	40661	2215
0.91970	67117	23450	48814	1331
0.90568	87460	96571	86500	2581
0.89060	32168	14397	40379	1499
0.87446	79056	12230	38589	3605
0.85730	18316	52642	57907	8184
0.83912	52291	01387	03179	6118
0.81995	95232	73280	33397	6318
0.79982	73053	75292	24065	0490
0.77875	23058	76122	34469	4653
0.75675	93665	33369	28859	2607
0.73387	44111	11094	78225	4468
0.71012	44148	22193	87174	3146
0.68553	73725	31524	65514	6344
0.66014	22657	57234	79019	0265
0.63396	90285	09153	28149	8804
0.60704	85120	04496	05277	8236
0.57941	24483	02463	13232	5792
0.55109	34129	00583	55984	2208
0.52212	47863	36890	58847	3257
0.49254	07148	43183	41756	1822
0.46237	60700	95751	45163	8247
0.43166	64081	11001	80318	6173
0.40044	79273	34439	30503	0325
0.36875	74259	72399	56286	2389
0.33663	22586	16828	49101	2943
0.30411	02922	14235	31846	2596
0.27122	98614	30719	26939	0085
0.23802	97234	65682	11899	2551
0.20454	90123	67488	77365	6851
0.17082	71929	04925	16721	8356
0.13690	40140	48826	41602	0622
0.10281	94621	18707	72192	0625
0.06861	37136	49625	41575	0365
0.03432	70880	34825	33084	6991
0.00000	00000	00000	00000	0000

0.00088	62412	40669	41417	658
0.00206	19871	22032	22966	068
0.00323	70455	07972	10497	710
0.00440	84397	47302	67681	906
0.00557	46680	47479	78899	783
0.00673	43344	32268	88466	526
0.00788	60663	14628	90159	963
0.00902	85041	89234	48774	891
0.01016	03006	54415	47672	889
0.01128	01212	73769	68298	341
0.01238	66459	03556	74305	454
0.01347	85701	53830	97919	432
0.01455	46068	85208	69608	484
0.01561	34877	07050	05975	095
0.01665	39644	63061	24017	226
0.01767	48106	97521	90506	037
0.01867	48230	98168	12542	179
0.01965	28229	12969	14660	474
0.02060	76573	38598	46074	046
0.02153	82008	78685	66629	622
0.02244	33566	70097	37337	332
0.02332	20577	75598	80283	600
0.02417	32684	41322	87942	222
0.02499	59853	17534	95743	256
0.02578	92386	41236	01618	879
0.02655	20933	79198	90810	308
0.02728	36503	30082	98027	899
0.02798	30471	84323	16638	119
0.02864	94595	40541	02439	650
0.02928	21018	77277	47971	826
0.02988	02284	78900	37493	277
0.03044	31343	14594	39490	345
0.03097	01558	69396	54421	562
0.03146	06719	26297	08854	519
0.03191	41042	98483	69728	860
0.03232	99185	10865	39448	409
0.03270	76244	30072	78294	842
0.03304	67768	42191	79120	017
0.03334	69759	77549	83863	698
0.03360	78679	81935	75310	982
0.03382	91453	33697	93579	366
0.03401	05472	06229	07866	549
0.03415	18597	75410	12618	567
0.03425	29164	71651	06006	719
0.03431	35981	76231	39857	242
0.03433	38333	61708	96316	340

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WEIGHTS

0.99966	20713	56524	55444	8781
0.99821	99021	95450	15378	2215
0.99562	70752	69215	16912	4288
0.99188	60044	37253	47862	2237
0.98700	09339	24012	04090	0040
0.98097	74812	10154	02737	3163
0.97382	25880	26941	93473	4002
0.96554	45044	21595	90136	4174
0.95615	27771	34006	94659	8195
0.94565	82378	84362	95654	3102
0.93407	29906	07095	49823	2952
0.92141	03973	71076	05463	5723
0.90768	50629	10925	04360	7568
0.89291	28177	52776	20423	2152
0.87711	06999	39569	66962	0167
0.86029	69353	70446	88297	9538
0.84249	09167	73780	94040	6622
0.82371	31813	36488	76436	3312
0.80398	53870	14566	43767	0438
0.78333	02875	51689	97920	1918
0.76177	17062	34416	27570	9130
0.73933	45084	14088	03777	3129
0.71604	45728	27033	20240	1025
0.69192	87617	46073	03910	3277
0.66701	48899	97724	07760	6074
0.64133	16928	80801	49284	1388
0.61490	87930	23407	72014	9118
0.58777	66662	16520	37269	3532
0.55996	66062	63577	76623	4105
0.53151	06888	86597	87843	1760
0.50244	17347	30456	51388	8601
0.47279	32715	07991	83509	6430
0.44259	94953	29594	23168	0833
0.41189	52312	61881	70860	2946
0.38071	58931	60950	56990	3095
0.34909	74428	26528	18379	4753
0.31707	63485	24138	10714	8510
0.28468	95429	23116	94309	3885
0.25197	43804	98996	18044	4597
0.21896	85944	49380	15245	3027
0.18571	02531	73012	45070	2391
0.15223	77163	62226	99643	8541
0.11858	95907	59425	92947	0549
0.08480	46856	28614	01267	8252
0.05092	19679	93347	92343	0376
0.01698	05176	92728	23438	4057

0.00086	71851	78767	14213	535
0.00201	76713	66262	83859	188
0.00316	75359	43396	09787	426
0.00431	38953	31861	70047	234
0.00545	53089	08000	87098	716
0.00659	04393	34214	89522	318
0.00771	79718	37373	56850	453
0.00883	66040	56467	87737	455
0.00994	50450	19726	08204	177
0.01104	20159	22635	39422	398
0.01212	62513	62637	71052	930
0.01319	65007	05711	13802	911
0.01425	15294	88953	92526	581
0.01529	01208	25796	50150	691
0.01631	10768	00255	95800	481
0.01731	32198	43689	77636	114
0.01829	53940	90267	55729	119
0.01925	64667	08559	47471	237
0.02019	53292	07187	48374	956
0.02111	08987	12762	46180	998
0.02200	21192	18485	85739	874
0.02286	79628	01892	54240	434
0.02370	74308	10281	91239	354
0.02451	95550	12440	97425	717
0.02530	33987	15313	22569	755
0.02605	80578	44314	17922	246
0.02678	26619	86040	32330	049
0.02747	63753	92164	17339	518
0.02813	83979	43354	40451	445
0.02876	79660	72107	17582	238
0.02936	43536	43422	81261	275
0.02992	68727	92311	07330	787
0.03045	48747	17158	32098	064
0.03094	77504	28041	03166	804
0.03140	49314	49122	17791	614
0.03182	58904	74320	08582	597
0.03221	01419	75493	32953	574
0.03255	72427	62440	04524	316
0.03286	67924	94065	66032	647
0.03313	84341	40129	38182	262
0.03337	18543	93036	81030	780
0.03356	67840	29203	67631	008
0.03372	29982	19573	87169	380
0.03384	03167	88933	60189	142
0.03391	86044	23722	54949	503
0.03395	77708	28102	34796	700

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WEIGHTS

0.99966	92606	57168	68832	6821
0.99825	77641	71412	77575	2493
0.99572	00462	48950	17938	0265
0.99205	84071	92062	74116	1222
0.98727	69112	68572	26593	1696
0.98138	09395	33501	60676	7866
0.97437	71421	33410	45697	5732
0.96627	34230	40059	12562	1511
0.95707	89290	65123	35223	0645
0.94680	40388	48475	45445	2155
0.93546	03508	75189	25136	7485
0.92306	06702	65853	48438	9250
0.90961	89942	65676	44569	9939
0.89515	04964	14999	02748	5760
0.87967	15094	05002	96214	0068
0.86319	95066	31601	71512	4534
0.84575	30824	65261	30294	6520
0.82735	19312	57451	91635	1477
0.80801	68251	06586	57864	6116
0.78776	95904	08075	20119	9532
0.76663	30832	14692	95939	6041
0.74463	11634	34914	46018	5216
0.72178	86678	98239	65090	8218
0.69813	13823	17853	40914	5991
0.67368	60121	82227	91557	1455
0.64848	01526	08499	89338	3399
0.62254	22571	91635	63272	4262
0.59590	16058	84536	04434	1298
0.56858	82719	45331	68333	1926
0.54063	30879	89173	21727	0797
0.51206	76111	82835	42735	5167
0.48292	40876	21421	65744	6984
0.45323	54159	27379	74592	9266
0.42303	51101	12918	96020	7129
0.39235	72617	47749	38729	8647
0.36123	65014	74849	72774	4630
0.32970	79599	17705	64279	2370
0.29780	72280	23147	90901	8028
0.26557	03168	84556	88101	3476
0.23303	36170	90786	44364	3251
0.20023	38576	46696	09657	2340
0.16720	80645	11663	45666	6400
0.13399	35188	02880	74672	5403
0.10062	77147	10617	27803	0891
0.06714	83171	72955	10438	7614
0.03359	31193	57776	56127	1188
0.00000	00000	00000	00000	0000

0.00084	87371	68067	91100	488
0.00197	47687	68686	80838	894
0.00310	02404	03099	31677	546
0.00422	23573	82406	60799	863
0.00533	97370	98169	21461	376
0.00645	10977	94311	27588	906
0.00755	51795	00769	82075	162
0.00865	07340	35428	64831	414
0.00973	65239	41887	68782	695
0.01081	13231	90542	48938	203
0.01187	39183	27447	12509	861
0.01292	31097	53185	35045	603
0.01395	77130	38007	97072	407
0.01497	65602	40671	88095	392
0.01597	85012	17782	11678	832
0.01696	24049	17329	01090	123
0.01792	71606	52813	71317	885
0.01887	16793	55508	03461	443
0.01979	48948	02927	92866	806
0.02069	57648	21868	73448	859
0.02157	32724	64499	81801	506
0.02242	64271	56109	57188	911
0.02325	42658	13157	75168	992
0.02405	58539	30344	65615	307
0.02483	02866	35452	58189	184
0.02557	66897	10757	83892	218
0.02629	42205	79853	27475	230
0.02698	20692	58762	73304	879
0.02763	94592	70270	71971	312
0.02826	56485	20433	06435	743
0.02885	99301	36277	70636	291
0.02942	16332	63748	97748	552
0.02995	01238	24993	92416	588
0.03044	48052	34135	30949	648
0.03090	51190	70722	93590	877
0.03133	05457	10102	80192	592
0.03172	06049	09992	30883	259
0.03207	48563	52599	21958	172
0.03239	29001	41672	29270	630
0.03267	43772	53922	41575	486
0.03291	89699	44304	59113	248
0.03312	64021	04703	22597	294
0.03329	64395	75615	78934	524
0.03342	88904	10482	96629	426
0.03352	36050	92366	89973	247
0.03358	04767	02732	90820	423
0.03359	94410	42144	13969	419

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0.99967	62229	55049	79447	8464
0.99829	44310	21687	60624	3547
0.99581	00842	01718	87942	3191
0.99222	53754	00876	65845	3786
0.98754	41983	20479	78867	8850
0.98177	17098	83378	22972	4352
0.97491	42837	90465	04259	8315
0.96697	94958	81343	38894	4632
0.95797	61137	42955	02398	7959
0.94791	40863	48761	72290	1955
0.93680	45328	02825	37821	0920
0.92465	97299	37951	47468	7734
0.91149	30986	94057	48595	6076
0.89731	91892	58767	99257	5134
0.88215	36649	72872	26077	1444
0.86601	32850	12198	67327	7729
0.84891	58858	62033	40015	0191
0.83088	03616	03017	37797	9289
0.81192	66430	29482	88314	5495
0.79207	56756	22845	16570	1440
0.77134	93964	04123	69938	7454
0.74977	07096	91013	51721	8792
0.72736	34617	86199	05939	4637
0.70415	24146	24820	24144	5598
0.68016	32184	10172	62103	2254
0.65542	23832	67855	25543	5990
0.62995	72499	49673	19012	9547
0.60379	59596	19657	22272	7321
0.57696	74227	55581	62059	2581
0.54950	12872	00340	39975	5088
0.52142	79053	98483	94097	8552
0.49277	83008	54119	35404	0168
0.46358	41338	47239	27898	9447
0.43387	76664	46363	89339	8923
0.40369	17268	56158	94504	8469
0.37305	96731	39427	83980	6139
0.34201	53563	53567	40583	0147
0.31059	30831	42224	18645	4218
0.27882	75778	23490	28604	4164
0.24675	39440	16534	25155	5295
0.21440	76258	49072	61054	4954
0.18182	43687	88550	94598	1578
0.14904	01801	40319	26152	9605
0.11609	12892	56454	42150	0443
0.08301	41074	99202	23282	4769
0.04984	51880	03282	92042	9641
0.01662	11852	81526	03377	6403

0.00083	08716	12682	16249	464
0.00193	32198	88725	41894	312
0.00303	50658	91038	62802	739
0.00413	36998	75407	77648	330
0.00522	77942	89507	76754	530
0.00631	61200	91036	44822	311
0.00739	74692	88142	35620	086
0.00847	06450	94534	63599	991
0.00953	44608	32865	15825	006
0.01058	77405	64954	12223	672
0.01162	93201	61122	41459	607
0.01265	80484	97638	99444	482
0.01367	27886	90606	87850	644
0.01467	24193	34499	46420	426
0.01565	58357	32515	55786	002
0.01662	19511	12665	49663	833
0.01756	96978	26143	25199	873
0.01849	80285	25665	91095	381
0.01940	59173	21982	00488	605
0.02029	23609	17011	13217	989
0.02115	63797	12221	38981	505
0.02199	70188	90940	07717	340
0.02281	33494	73355	23641	001
0.02360	44693	43014	38228	051
0.02436	95042	43668	98830	635
0.02510	76087	45352	40512	858
0.02581	79671	78616	72816	440
0.02649	97945	35891	69919	669
0.02715	23373	38966	56472	388
0.02777	48744	71634	22062	065
0.02836	67179	76576	10681	273
0.02892	72138	15606	25584	228
0.02945	57425	92433	67639	719
0.02995	17202	37143	86920	009
0.03041	45986	51642	71220	328
0.03084	38663	15349	18741	111
0.03123	90488	50467	41788	219
0.03159	97095	46213	20046	477
0.03192	54498	41415	61392	584
0.03221	59097	64960	30711	282
0.03247	07683	33587	67948	451
0.03268	97439	06606	30715	253
0.03287	25944	97129	59072	615
0.03301	91180	39491	65507	667
0.03312	91526	12546	96321	601
0.03320	25766	18606	86379	877
0.03323	93089	17815	32080	071

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0.99968	29677	07192	01948	3574
0.99832	99525	16746	33161	5185
0.99589	73111	88423	40206	1516
0.99238	71350	03501	40448	9007
0.98780	31559	06081	28777	1609
0.98215	03182	21625	64610	2971
0.97543	47334	11440	91168	6142
0.96766	36660	22196	52411	5609
0.95884	55238	47909	44942	7667
0.94898	98481	74295	48204	2095
0.93810	73031	98478	03713	6254
0.92620	96643	77719	77563	3338
0.91330	98056	34067	34739	7871
0.89942	16853	96393	20374	0820
0.88456	03314	81440	55748	1542
0.86874	18248	24129	90474	2858
0.85198	32820	71784	28084	1952
0.83430	28370	59601	32220	7668
0.81571	96211	86609	65386	0230
0.79625	37427	12893	18866	7863
0.77592	62650	00223	95622	6838
0.75475	91837	19492	39225	3657
0.73277	54030	49502	11834	2711
0.70999	87108	92823	10580	1743
0.68645	37531	35482	20924	3489
0.66216	60069	78318	02626	2701
0.63716	17533	68840	02717	9725
0.61146	80485	63410	69607	4958
0.58511	26948	50514	08929	2359
0.55812	42104	66784	40394	9682
0.53053	17987	38343	28925	6909
0.50236	53164	80834	04332	4797
0.47365	52416	92343	77757	0581
0.44443	26405	74170	34046	0532
0.41472	91339	15118	51597	2148
0.38457	68628	75699	01084	8324
0.35400	84542	09253	30582	3369
0.32305	69849	57636	88927	7323
0.29175	59466	59662	07348	5054
0.26013	92091	11028	90946	4386
0.22824	09837	14958	10363	8210
0.19609	57864	63182	77849	8271
0.16373	84005	87355	93495	1945
0.13120	38389	21287	13614	7017
0.09852	73060	14734	85752	0207
0.06574	41600	39749	79857	2533
0.03288	98745	30788	93867	6986
0.00000	00000	00000	00000	0000

0.00081	35642	49454	11650	106
0.00189	29683	77922	93576	278
0.00297	19242	40818	19071	844
0.00404	78033	16371	75990	688
0.00511	93303	29927	71828	003
0.00618	53262	61033	32376	931
0.00724	46324	43933	19967	263
0.00829	61008	74530	99023	815
0.00933	85930	83876	39708	674
0.01037	09807	03116	09684	084
0.01139	21464	59085	84403	924
0.01240	09852	96116	06104	018
0.01339	64055	34368	28544	137
0.01437	73300	33659	08208	358
0.01534	26973	50288	35663	459
0.01629	14628	80991	04326	592
0.01722	25999	90716	98441	334
0.01813	51011	22045	14410	760
0.01902	79788	84545	70639	307
0.01990	02671	22657	21124	487
0.02075	10219	60784	90181	791
0.02157	93228	24411	40120	677
0.02238	42734	36069	39184	042
0.02316	50027	85071	39174	920
0.02392	06660	69930	61007	708
0.02465	04456	12442	61997	613
0.02535	35517	42432	01293	660
0.02602	92236	52202	27153	290
0.02667	67302	19761	35431	897
0.02729	53707	99930	22266	578
0.02788	44759	82476	91424	309
0.02844	34083	16454	86261	312
0.02897	15629	99961	01153	484
0.02946	83685	34566	88237	515
0.02993	32873	43714	11225	240
0.03036	58163	54405	06677	724
0.03076	54875	41558	91475	296
0.03113	18684	34443	99825	682
0.03146	45625	84638	40201	322
0.03176	32099	95012	28029	098
0.03202	74875	09267	69529	296
0.03225	71091	61614	41434	735
0.03245	18264	86203	25926	686
0.03261	14287	85982	15425	671
0.03273	57433	60683	93226	920
0.03282	46356	93699	18669	309
0.03287	80095	97631	94823	558
0.03289	58073	18380	67793	217

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0.99968	95038	83230	76682	7690
0.99836	43758	63181	67772	4149
0.99598	18429	87209	29065	0399
0.99254	39003	23762	62457	1892
0.98805	41263	29623	79948	0763
0.98251	72635	63014	67744	7046
0.97593	91745	85136	46645	2601
0.96832	68284	63264	21217	3659
0.95968	82914	48742	53930	0068
0.95003	27177	84437	63575	6099
0.93937	03397	52755	21693	1857
0.92771	24567	22308	69096	4690
0.91507	14231	20898	07420	5885
0.90146	06353	15852	34131	9233
0.88689	45174	02420	41605	6878
0.87138	85059	09296	50287	3775
0.85495	90334	34601	45546	2787
0.83762	35112	28187	12149	4303
0.81940	03107	37931	67553	9000
0.80030	87441	39140	81722	8796
0.78036	90438	67433	21760	3604
0.75960	23411	76647	49870	2970
0.73803	06437	44400	13285	1166
0.71567	68123	48967	62622	5144
0.69256	45366	42171	56134	4246
0.66871	83100	43916	15395	2557
0.64416	34037	84967	10679	8412
0.61892	58401	25468	57038	6369
0.59303	23647	77572	08068	3556
0.56651	04185	61397	16840	4250
0.53938	81083	24357	43622	6803
0.51169	41771	54667	67358	5510
0.48345	79739	20596	35976	8406
0.45470	94221	67743	00863	5676
0.42547	89884	07300	54536	4819
0.39579	76498	28908	60328	5000
0.36569	68614	72313	63503	0896
0.33520	85228	92625	42261	6326
0.30436	49443	54496	35302	3930
0.27319	88125	91049	14148	7272
0.24174	31561	63840	01232	7932
0.21003	13104	60567	20360	2847
0.17809	68823	67618	60275	9403
0.14597	37146	54896	94198	9107
0.11369	58501	10665	92091	1208
0.08129	74954	64425	55899	4471
0.04881	29851	36049	73111	1958
0.01627	67448	49602	96957	9135

WEIGHTS

0.00079	67920	65552	01242	943
0.00185	39607	88946	92173	234
0.00291	07318	17934	94640	841
0.00396	45543	38444	68667	373
0.00501	42027	42927	51769	247
0.00605	85455	04235	96168	332
0.00709	64707	91153	86526	914
0.00812	68769	25698	75921	738
0.00914	86712	30783	38663	258
0.01016	07705	35008	41575	759
0.01116	21020	99838	49859	121
0.01215	16046	71088	31963	518
0.01312	82295	66961	57263	706
0.01409	09417	72314	86091	586
0.01503	87210	26994	93800	588
0.01597	05629	02562	29138	062
0.01688	54798	64245	17245	048
0.01778	25023	16045	26083	761
0.01866	06796	27411	46738	516
0.01951	90811	40145	02241	009
0.02035	67971	54333	32459	525
0.02117	29398	92191	29898	767
0.02196	66444	38744	34919	476
0.02273	70696	58329	37400	135
0.02348	33990	85926	21984	224
0.02420	48417	92364	69128	227
0.02490	06332	22483	61028	838
0.02557	00360	05349	36149	880
0.02621	23407	35672	41391	346
0.02682	68667	25591	76219	806
0.02741	29627	26029	24282	342
0.02797	00076	16848	33443	982
0.02849	74110	65085	38564	560
0.02899	46141	50555	23654	268
0.02946	10899	58167	90597	044
0.02989	63441	36328	38598	439
0.03029	99154	20827	59379	409
0.03067	13761	23669	14901	423
0.03101	03325	86313	83742	325
0.03131	64255	96861	35581	278
0.03158	93307	70727	16855	802
0.03182	87588	94411	00653	475
0.03203	44562	31992	66321	814
0.03220	62047	94030	25066	867
0.03234	38225	68575	92842	877
0.03244	71637	14064	26936	401
0.03251	61187	13868	83598	721
0.03255	06144	92363	16624	196

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0.99969	58399	95246	72491	1968
0.99839	77458	60566	43673	3244
0.99606	37894	77488	41302	4312
0.99269	58747	78551	60925	8150
0.98829	74345	01838	78731	7894
0.98287	30196	13528	35103	5924
0.97642	82563	08619	76492	4245
0.96896	98330	34950	92210	0110
0.96050	54916	52787	24615	7486
0.95104	40187	66639	19521	0908
0.94059	52363	58027	98437	1685
0.92916	99914	81619	14082	2260
0.91678	01449	53188	88804	9796
0.90343	85590	10121	61641	4913
0.88915	90839	44300	36203	9029
0.87395	65437	15414	21535	9203
0.85784	67205	56790	30126	0558
0.84084	63385	88286	76745	7515
0.82297	30464	52484	44175	0420
0.80424	53989	91770	56547	8888
0.78468	28379	85085	72883	0414
0.76430	56719	64182	05690	2006
0.74313	50551	30253	93804	3062
0.72119	29653	92770	52494	6237
0.69850	21815	53271	11663	6779
0.67508	62596	57784	96582	4565
0.65096	95085	42408	25510	9624
0.62617	69645	97413	85451	2989
0.60073	43657	76084	20837	6919
0.57466	81248	75244	10432	7378
0.54800	53021	15227	73465	5986
0.52077	35770	47742	83654	7220
0.49300	12198	20793	19724	5321
0.46471	70618	30488	81340	7276
0.43595	04657	90209	87643	8386
0.40673	12952	48195	90288	4206
0.37708	98835	85204	14430	0973
0.34705	70025	24421	32148	1913
0.31666	38301	86319	18806	1198
0.28594	19187	21616	92317	3770
0.25492	31615	55951	39902	5067
0.22363	97602	80259	51755	5185
0.19212	41912	21244	64623	5720
0.16040	91717	26631	32738	2781
0.12852	76262	00208	54546	9683
0.09651	26519	21921	60690	1657
0.06439	74846	88495	84802	1885
0.03221	54643	10261	70891	1052
0.00000	00000	00000	00000	0000

0.00078	05332	21942	56124	572
0.00181	61463	98210	03960	951
0.00285	14092	43213	05577	142
0.00388	38453	29489	29442	173
0.00491	22762	62166	02813	084
0.00593	56156	30788	22295	418
0.00695	27960	96469	40552	647
0.00796	27599	97865	49559	560
0.00896	44581	76697	99943	257
0.00995	68504	27084	04494	824
0.01093	89063	59195	94895	397
0.01190	96063	85330	75683	274
0.01286	79427	42493	38667	571
0.01381	29205	21853	04327	115
0.01474	35586	93236	95017	636
0.01565	88911	19156	92052	021
0.01655	79675	55342	45662	903
0.01743	98546	35807	80463	941
0.01830	36368	40964	14082	229
0.01914	84174	47528	12933	526
0.01997	33194	59108	04688	819
0.02077	74865	16426	56849	799
0.02156	00837	86191	71827	843
0.02232	02988	27667	13237	862
0.02305	73424	36025	99579	640
0.02377	04494	61603	06882	104
0.02445	88796	04187	84729	060
0.02512	19181	81530	04673	565
0.02575	88768	71256	78489	535
0.02636	90944	25429	34975	708
0.02695	19373	56996	44067	363
0.02750	68005	97430	34256	010
0.02803	31081	24862	67752	681
0.02853	03135	62067	18751	824
0.02899	79007	43668	43187	205
0.02943	53842	51987	32086	424
0.02984	23099	20967	02903	458
0.03021	82553	07656	01453	452
0.03056	28301	30758	58386	135
0.03087	56766	75797	65382	433
0.03115	64701	66469	04145	775
0.03140	49191	01801	72362	458
0.03162	07655	58774	01604	295
0.03180	37854	60071	49044	495
0.03195	37888	06708	64194	528
0.03207	06198	75272	79934	928
0.03215	41573	79585	50153	578
0.03220	43145	96613	50533	476
0.03222	10394	56498	70632	617

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WEIGHTS

0.99970	19841	25490	90363	7295
0.99843	01050	47230	45377	8693
0.99614	32549	96859	29606	2980
0.99284	32515	36906	73013	1880
0.98853	33889	89158	16837	2173
0.98321	80362	93722	99128	5338
0.97690	25950	63886	08249	9069
0.96959	34871	00794	47231	9864
0.96129	81460	02891	05771	0418
0.95202	50089	86401	50130	8772
0.94178	35080	62711	82109	8796
0.93058	40603	39307	04212	4495
0.91843	80573	73568	11719	7214
0.90535	78535	59839	13595	3333
0.89135	67535	48891	06643	1957
0.87644	89987	06844	10511	2915
0.86064	97526	24551	75315	9007
0.84397	50856	90770	46728	5956
0.82644	19587	44047	85510	7785
0.80806	82058	19534	35129	4907
0.78887	25160	08022	26670	0967
0.76887	44144	45517	79711	6596
0.74809	42424	52592	45064	0567
0.72655	31368	43658	48091	2570
0.70427	30084	27177	42365	6977
0.68127	65197	18646	32079	6039
0.65758	70618	89014	90516	0305
0.63322	87309	71969	86188	1957
0.60822	63033	54279	53351	4417
0.58260	52105	74123	95965	3296
0.55639	15134	53040	58645	7398
0.52961	18755	87794	87624	8436
0.50229	35362	29136	85982	3462
0.47446	42825	75028	84412	7023
0.44615	24215	06525	44859	7057
0.41738	67507	95054	33418	1471
0.38819	65298	10383	86372	0304
0.35861	14497	59071	96524	8417
0.32866	16034	83668	15881	7609
0.29837	74548	53387	57715	8828
0.26778	98077	77391	41373	2747
0.23692	97748	72192	15099	2228
0.20582	87458	15053	77030	7665
0.17451	83554	15576	56787	4967
0.14303	04514	37942	87516	6030
0.11139	70622	06553	61799	8208
0.07965	03640	28005	98821	2934
0.04782	26484	62549	32296	2768
0.01594	62894	78309	39928	7564

0.00076	47669	82274	31345	803
0.00177	94770	41014	52874	169
0.00279	38811	35722	13087	063
0.00380	55740	85352	35956	552
0.00481	34223	98586	77091	848
0.00581	63825	46439	63911	276
0.00681	34294	79165	21599	877
0.00780	35473	79100	75489	098
0.00878	57284	67392	26320	270
0.00975	89734	02174	09683	535
0.01072	22920	83224	31712	024
0.01167	47045	77138	12428	743
0.01261	52420	78921	95285	778
0.01354	29478	81029	46514	365
0.01445	68783	38304	40197	757
0.01535	61038	23497	75576	850
0.01623	97096	70453	69565	273
0.01710	67971	03089	90026	235
0.01795	64841	48770	62812	244
0.01878	79065	34904	68656	149
0.01960	02185	67726	33077	324
0.02039	25939	92291	91457	948
0.02116	42268	32774	85691	128
0.02191	43322	12178	65041	902
0.02264	21471	50618	43311	126
0.02334	69313	41349	27471	268
0.02402	79679	03745	49880	324
0.02468	45641	12460	99618	198
0.02531	60521	02026	09734	315
0.02592	17895	46162	44891	847
0.02650	11603	11123	63935	249
0.02705	35750	82396	12827	768
0.02757	84719	64122	39390	010
0.02807	53170	50636	13875	325
0.02854	36049	69527	88570	349
0.02898	28593	95688	34204	745
0.02939	26335	35806	49216	776
0.02977	25105	82829	47626	618
0.03012	21041	39921	89884	853
0.03044	10586	13493	25839	491
0.03072	90495	74893	66992	001
0.03098	57840	90409	93463	104
0.03121	10010	19226	26441	684
0.03140	44712	79046	56151	749
0.03156	59980	79108	05290	145
0.03169	54171	20349	25160	907
0.03179	25967	62528	63019	832
0.03185	74381	58124	01071	310
0.03188	98753	52876	46727	795

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WEIGHTS

0.99970	79439	52169	35586	3584
0.99846	14938	35841	33897	2881
0.99622	03386	73088	60856	2895
0.99298	62141	33112	27732	9634
0.98876	22829	89873	61251	0342
0.98355	27411	56280	01296	5562
0.97736	27767	50705	94456	9794
0.97019	85580	74290	21548	0730
0.96206	72256	40901	94273	9071
0.95297	68844	53373	50257	5668
0.94293	65956	88479	41029	4660
0.93195	63675	61496	96436	1650
0.92004	71453	00500	21871	5130
0.90722	08002	10573	56823	7880
0.89349	01178	26414	21500	2245
0.87886	87851	59513	85027	0077
0.86337	13770	49917	04443	4898
0.84701	33416	34774	14729	9140
0.82981	09849	47430	56502	9050
0.81178	14546	61989	13468	3012
0.79294	27229	99308	89390	8500
0.77331	35688	11336	14519	8437
0.75291	35588	61538	11825	4508
0.73176	30283	20043	52218	0819
0.70988	30604	92896	85820	6503
0.68729	54658	05609	09750	0626
0.66402	27600	61938	45755	8342
0.64008	81419	99562	52510	2820
0.61551	54701	65007	17705	0707
0.59032	92391	30878	56421	6650
0.56455	45550	79101	55074	3094
0.53821	71107	74501	03254	4869
0.51134	31599	53671	01421	9137
0.48395	94911	54659	70017	7257
0.45609	34010	13556	63729	2961
0.42777	26670	54599	62175	5168
0.39902	55200	00924	15237	9318
0.36988	06156	33556	19372	8667
0.34036	70062	26699	44304	1391
0.31051	41115	87790	73632	3991
0.28035	16897	31191	26717	7665
0.24990	98072	14746	53935	8834
0.21921	88091	68784	07038	9444
0.18830	92890	47424	47642	1635
0.15721	20581	32358	39438	3799
0.12595	81148	19488	46171	8241
0.09457	86137	19052	03187	6439
0.06310	48346	00026	24020	6508
0.03156	81512	09772	26520	3458
0.00000	00000	00000	00000	0000

0.00074	94736	46737	40536	338
0.00174	39069	58219	24493	864
0.00273	80758	73626	87809	132
0.00372	96434	87243	03474	920
0.00471	75190	37520	83007	969
0.00570	06997	73395	92687	515
0.00667	82008	60575	09816	518
0.00764	90462	79335	25793	539
0.00861	22676	15478	88899	173
0.00956	69044	11326	13635	690
0.01051	20049	15524	74540	575
0.01144	66269	51498	25376	113
0.01236	98388	22175	16210	343
0.01328	07202	22657	28347	995
0.01417	83631	49579	44606	614
0.01506	18728	01990	23331	295
0.01593	03684	70960	84971	104
0.01678	29844	16138	70708	950
0.01761	88707	27924	38050	676
0.01843	71941	74178	49927	099
0.01923	71390	30487	18479	867
0.02001	79078	93086	56620	795
0.02077	87224	73594	21120	743
0.02151	88243	74730	22381	825
0.02223	74758	46239	37158	436
0.02293	39605	20251	05528	408
0.02360	75841	25337	89404	662
0.02425	76751	78557	07823	164
0.02488	35856	54781	94644	599
0.02548	46916	32654	75465	058
0.02606	03939	16515	48254	093
0.02661	01186	33685	85130	179
0.02713	33178	06512	55092	639
0.02762	94698	98599	01232	208
0.02809	80803	34680	91126	593
0.02853	86819	93626	94972	664
0.02895	08356	74073	31040	374
0.02933	41305	32227	50347	643
0.02968	81844	91405	09844	802
0.03001	26446	22891	03447	190
0.03030	71874	97745	80397	961
0.03057	15195	09205	77999	218
0.03080	53771	65356	27949	918
0.03100	85273	51785	59535	833
0.03118	07675	63958	15837	033
0.03132	19261	09075	18012	817
0.03143	18622	77221	54616	152
0.03151	04664	81628	34771	324
0.03155	76603	67911	22885	809
0.03157	33968	92175	65305	137

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WEIGHTS

0.99971	37267	73441	23367	8228
0.99849	19506	39595	81840	0163
0.99629	51347	33125	14918	6132
0.99312	49370	37443	45965	2010
0.98898	43952	42991	74800	4419
0.98387	75407	06057	01549	6100
0.97780	93584	86918	28855	3781
0.97078	57757	63706	33193	0898
0.96281	36542	55815	52729	3659
0.95390	07829	25491	74284	9337
0.94405	58701	36255	97796	2775
0.93328	85350	43079	54592	4334
0.92160	92981	45333	95266	6951
0.90902	95709	82529	69046	7127
0.89556	16449	70726	98669	8521
0.88121	86793	85018	41557	3317
0.86601	46884	97164	62341	0740
0.84996	45278	79591	28429	3363
0.83308	38798	88400	82354	2916
0.81538	92383	39176	25439	3989
0.79689	78923	90314	47638	9573
0.77762	79096	49495	47562	7552
0.75759	81185	19707	17603	5668
0.73682	80898	02020	70551	2428
0.71533	81175	73056	44645	9967
0.69314	91993	55801	96594	8648
0.67028	30156	03141	01580	2587
0.64676	19085	14129	27983	2630
0.62260	88602	03707	77160	4191
0.59784	74702	47178	72126	4807
0.57250	19326	21381	19131	6870
0.54659	70120	65094	16746	7994
0.52015	80198	81763	05664	6816
0.49321	07892	08190	93356	9309
0.46578	16497	73358	04224	9217
0.43789	74021	72031	51310	8978
0.40958	52916	78301	54252	8868
0.38087	29816	24629	95676	3363
0.35178	85263	72421	72097	2344
0.32236	03439	00529	15172	2477
0.29261	71880	38471	96473	7556
0.26258	81203	71503	47916	8929
0.23230	24818	44973	96964	9510
0.20178	98640	95735	99723	6049
0.17108	00805	38603	27488	7532
0.14020	31372	36113	97320	7515
0.10918	92035	80061	11500	3426
0.07806	85828	13436	63669	4817
0.04687	16824	21591	63161	4924
0.01562	89844	21543	08287	2217

0.00073	46344	90505	67173	041
0.00170	93926	53518	10523	953
0.00268	39253	71553	48241	944
0.00365	59612	01326	37518	234
0.00462	44500	63422	11935	110
0.00558	84280	03865	51515	721
0.00654	69484	50845	32276	415
0.00749	90732	55464	71157	883
0.00844	38714	69668	97140	262
0.00938	04196	53694	45795	142
0.01030	78025	74868	96958	578
0.01122	51140	23185	97711	722
0.01213	14576	62979	49740	774
0.01302	59478	92971	54228	556
0.01390	77107	03718	77268	795
0.01477	58845	27441	30176	888
0.01562	96210	77546	00272	394
0.01646	80861	76145	21264	310
0.01729	04605	68323	58243	934
0.01809	59407	22128	11666	439
0.01888	37396	13374	90455	294
0.01965	30874	94435	30586	538
0.02040	32326	46209	43276	684
0.02113	34421	12527	64154	267
0.02184	30024	16247	38631	395
0.02253	12202	56336	27270	180
0.02319	74231	85254	12162	249
0.02384	09602	65968	20596	256
0.02446	12027	07957	05271	998
0.02505	75444	81579	58970	376
0.02562	94029	10208	11607	564
0.02617	62192	39545	67634	231
0.02669	74591	83570	96266	038
0.02719	26134	46576	88013	649
0.02766	11982	20792	38829	420
0.02810	27556	59101	17331	765
0.02851	68543	22395	09799	094
0.02890	30896	01125	20313	488
0.02926	10841	10638	27662	012
0.02959	04880	59912	64251	175
0.02989	09795	93332	83091	684
0.03016	22651	05169	14491	907
0.03040	40795	26454	82001	651
0.03061	61865	83980	44849	646
0.03079	83790	31152	59042	771
0.03095	04788	50490	98823	406
0.03107	23374	27566	51658	781
0.03116	38356	96209	90678	382
0.03122	48842	54849	35773	238
0.03125	54234	53863	35694	764

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WEIGHTS

0.99981	64162	97768	51715	7846
0.99903	28347	52976	43860	2660
0.99762	36268	10961	57758	0324
0.99558	93622	52162	79660	5375
0.99293	12773	66602	51123	3627
0.98965	10285	38750	62524	8681
0.98575	06681	12487	19692	7396
0.98123	26387	99859	88211	1399
0.97609	97710	06108	91487	9233
0.97035	52806	75475	48009	6089
0.96400	27671	28004	57128	5791
0.95704	62107	39497	13338	6994
0.94948	99704	16460	61771	6321
0.94133	87808	48915	48940	6317
0.93259	77495	34970	73951	0735
0.92327	23535	75503	81972	9973
0.91336	84362	39248	84934	7365
0.90289	22032	99574	63757	6571
0.89185	02191	44781	29387	8806
0.88024	94026	64092	13430	3205
0.86809	70229	11767	84450	2908
0.85540	06945	51969	58013	9887
0.84216	83730	87169	79814	3371
0.82840	83498	73065	72192	0536
0.81412	92469	23096	52868	3311
0.79934	00115	05804	88308	8374
0.78404	99105	38418	13226	0687
0.76826	85247	80155	33001	6808
0.75200	57428	28893	83622	9546
0.73527	17549	24953	85126	2594
0.71807	70465	65881	05821	8720
0.70043	23919	36226	63272	9048

0.00047	11206	48493	52396	828
0.00109	63927	05586	99382	805
0.00172	19042	07888	47124	522
0.00234	64172	53673	78957	483
0.00296	94762	01558	05289	679
0.00359	06793	22824	51264	179
0.00420	96343	70126	69888	917
0.00482	59524	85939	44388	068
0.00543	92470	75079	58890	489
0.00604	91336	60940	33910	110
0.00665	52299	95985	13677	076
0.00725	71562	50837	61669	134
0.00785	45352	30644	73685	249
0.00844	69926	01337	62273	968
0.00903	41571	19153	90285	052
0.00961	56608	60599	45853	333
0.01019	11394	51515	40621	795
0.01076	02322	94543	73386	756
0.01132	25827	94568	03934	524
0.01187	78385	81841	21408	760
0.01242	56517	32580	31418	692
0.01296	56789	86845	31005	404
0.01349	75819	63538	95218	545
0.01402	10273	72377	32499	465
0.01453	56872	22688	62131	986
0.01504	12390	28903	24281	067
0.01553	73660	12602	57694	975
0.01602	37573	00997	30354	853
0.01650	01081	21709	17155	201
0.01696	61199	93733	05113	511
0.01742	15009	14458	81847	658
0.01786	59655	42635	33843	785

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0.68234	88471	56440	26365	7758	0.01829	92353	77161	51444	763
0.66383	77433	55105	49867	7517	0.01872	10389	31592	10016	604
0.64491	06795	68857	65671	0016	0.01913	11119	04248	72927	686
0.62557	95154	74432	69318	6098	0.01952	91973	43829	42731	844
0.60585	63639	57400	71518	4289	0.01991	50458	10412	72828	993
0.58575	35835	22240	26881	3693	0.02028	84155	31755	43188	826
0.56528	37705	48509	00560	6581	0.02064	90725	54786	00606	366
0.54445	97513	97962	82221	3048	0.02099	67908	92198	66448	400
0.52329	45743	77569	00240	9708	0.02133	13526	64056	22910	278
0.50180	15015	63449	21704	2508	0.02165	25482	34313	02346	679
0.47999	40004	90875	40176	6942	0.02196	01763	42172	23146	219
0.45788	57357	15525	48142	0833	0.02225	40442	28195	39741	654
0.43549	05602	51286	59222	1400	0.02253	39677	55085	03519	863
0.41282	25068	89970	81909	6513	0.02279	97715	23064	65440	285
0.38989	57794	08382	46755	8730	0.02305	12889	79783	89897	634
0.36672	47436	68246	48176	3721	0.02328	83625	24679	92577	175
0.34332	39186	14574	75892	5244	0.02351	08436	07729	62544	364
0.31970	79671	78110	75331	9840	0.02371	85928	22530	80375	712
0.29589	16870	87552	87105	8333	0.02391	14799	93653	99560	054
0.27189	00015	97313	69214	2639	0.02408	93842	58210	17460	918
0.24771	79501	36624	98377	8376	0.02425	21941	41583	24609	897
0.22339	06788	85847	75541	9295	0.02439	98076	27279	86773	374
0.19892	34312	85892	22077	9846	0.02453	21322	20852	82873	504
0.17433	15384	86694	44655	0863	0.02464	90850	07857	93219	702
0.14963	04097	40734	65557	8767	0.02475	05927	05808	06387	462
0.12483	55227	47616	58993	3163	0.02483	65917	10091	89233	915
0.09996	24139	55758	00504	4987	0.02490	70281	33828	42729	123
0.07502	66688	27269	24075	7811	0.02496	18578	41632	46272	352
0.05004	39120	72119	88187	8974	0.02500	10464	77269	74715	923
0.02502	97978	57712	76520	6924	0.02502	45694	85184	55196	896
0.00000	00000	00000	00000	0000	0.02503	24121	25886	14839	339

ABSCISSAS

WEIGHTS

0.99987	23404	45733	35275	1482
0.99932	74305	06594	70647	2643
0.99834	73449	34083	36809	3970
0.99693	22929	77599	62985	6897
0.99508	28645	25528	95395	3124
0.99279	98590	43437	25051	6978
0.99008	42691	66019	18857	2284
0.98693	72772	71279	43853	6712
0.98336	02541	69752	91657	6011
0.97935	47582	42589	39415	1838
0.97492	25346	59594	27827	6330
0.97006	55145	73837	32683	9025
0.96478	58142	58695	60966	9887
0.95908	57341	74690	40401	0191
0.95296	77579	61097	10802	7949
0.94643	45513	50314	77969	4163
0.93948	89610	04283	67786	6593
0.93213	40132	72852	69823	5362
0.92437	29128	74313	50040	4754
0.91620	90414	98495	20869	3533
0.90764	59563	32923	54182	6288
0.89868	73885	12623	91873	6113
0.88933	72414	94205	48655	0572
0.87959	95893	54910	23699	0108
0.86947	86750	17352	69039	9254
0.85897	89084	00713	35419	3307
0.84810	48644	99184	60232	1780
0.83686	12813	88501	51727	6002
0.82525	30581	61423	01987	0509
0.81328	52527	93060	54143	1359
0.80096	30799	36982	72164	8611
0.78829	19086	53055	23492	6874
0.77527	72600	68004	91269	7796
0.76192	48049	69726	86962	5888
0.74824	03613	36382	37406	0808
0.73422	98918	01363	73423	3749
0.71989	95010	55230	50231	1064
0.70525	54331	85748	82534	6680

0.00032	76086	70553	76841	515
0.00076	24720	93212	11815	417
0.00119	76474	86469	62461	833
0.00163	23569	98610	50907	368
0.00206	63664	92413	81981	041
0.00249	94789	88894	45186	473
0.00293	15036	83655	86293	326
0.00336	22516	23677	83131	765
0.00379	15348	36345	10472	477
0.00421	91661	42991	91132	721
0.00464	49591	49796	54539	535
0.00506	87282	93945	58836	959
0.00549	02889	09448	68736	682
0.00590	94573	00590	10763	932
0.00632	60508	18470	39583	740
0.00673	98879	38743	10962	335
0.00715	07883	39685	55146	326
0.00755	85729	80178	16402	796
0.00796	30641	77363	30978	394
0.00836	40856	83847	51862	175
0.00876	14627	64358	01457	447
0.00915	50222	71788	79700	521
0.00954	45927	22584	91211	670
0.00993	00043	71421	15578	921
0.01031	10892	85135	96814	364
0.01068	76814	15884	09534	667
0.01105	96166	73473	44354	977
0.01142	67329	96852	84002	898
0.01178	88704	24718	37739	509
0.01214	58711	65206	78127	310
0.01249	75796	64644	88890	081
0.01284	38426	75324	90325	577
0.01318	45093	22275	62384	964
0.01351	94311	69000	36951	539
0.01384	84622	82152	81194	405
0.01417	14592	95122	43883	470
0.01448	82814	70501	86711	155
0.01479	87907	61408	73286	186

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WEIGHTS

0.69030	40689	57192	78971	6286
0.67505	19230	30093	10642	0600
0.65950	56411	22644	46030	4171
0.64367	19971	15008	28768	1221
0.62755	78900	97772	64463	2469
0.61117	03413	65855	17267	4652
0.59451	64913	59158	94987	2829
0.57760	35965	51314	22404	9175
0.56043	90262	87861	65091	1112
0.54303	02595	75254	69418	0621
0.52538	48818	22080	27782	9361
0.50751	05815	33917	60318	1151
0.48941	51469	63275	24702	2037
0.47110	64627	16066	23227	9017
0.45259	25063	16099	70185	7986
0.43388	13447	29086	12069	2040
0.41498	11308	47670	57303	0159
0.39590	00999	39025	70385	2442
0.37664	65660	56552	16766	8577
0.35722	89184	17250	08776	1384
0.33765	56177	46339	98738	5593
0.31793	51925	90725	92502	4171
0.29807	62356	02907	14233	7384
0.27808	73997	96957	41000	9735
0.25797	73947	78203	42770	5999
0.23775	49829	48245	09449	4600
0.21742	89756	86971	21039	7381
0.19700	82295	13234	19350	3245
0.17650	16422	25856	69597	5832
0.15591	81490	26651	57224	4129
0.13526	67186	27144	48995	8547
0.11455	63493	40695	57551	0868
0.09379	60651	61722	84796	2562
0.07299	49118	33735	81533	1613
0.05216	19529	07892	48290	5792
0.03130	62657	93797	15245	6849
0.01043	69378	04259	77212	6904

0.01510	28518	71635	39749	269
0.01540	03323	14600	23040	767
0.01569	11024	71074	75810	027
0.01597	50356	45661	50845	634
0.01625	20081	21997	92754	089
0.01652	18992	16662	30434	243
0.01678	45913	31758	20688	515
0.01703	99700	06154	51073	727
0.01728	79239	65358	68813	201
0.01752	83451	70001	62252	157
0.01776	11288	62912	81922	016
0.01798	61736	14765	49765	174
0.01820	33813	68271	67437	641
0.01841	26574	80907	97828	550
0.01861	39107	66153	57987	933
0.01880	70535	33222	26511	157
0.01899	20016	25271	34063	207
0.01916	86744	56070	72111	113
0.01933	69950	45116	22040	137
0.01949	68900	51171	74630	268
0.01964	82898	04225	78335	135
0.01979	11283	35848	23906	200
0.01992	53434	07934	42611	182
0.02005	08765	39823	65577	128
0.02016	76730	33780	62614	762
0.02027	56819	98828	50221	194
0.02037	48563	72923	30281	684
0.02046	51529	43459	93266	812
0.02054	65323	66100	92417	638
0.02061	89591	81919	68496	703
0.02068	24018	32850	78125	187
0.02073	68326	75440	52494	256
0.02078	22279	92891	87299	532
0.02081	85680	05398	39069	422
0.02084	58368	78762	77608	392
0.02086	40227	31296	19022	775
0.02087	31176	38995	38706	698

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WEIGHTS

0.99990	61195	95989	27465	4676
0.99950	53827	83533	27416	4235
0.99878	45612	90139	83173	7384
0.99774	37259	28077	21777	6278
0.99638	31905	91991	62286	4822
0.99470	33865	52412	01867	0324
0.99270	48505	07961	47319	5406
0.99038	82222	12319	48439	6635
0.98775	42436	84231	06833	4410
0.98480	37587	75176	51208	7333
0.98153	77128	23295	59655	8782
0.97795	71523	17404	80382	3663
0.97406	32245	45859	38385	5894
0.96985	71772	20802	56339	9815
0.96534	03580	73931	90088	1773
0.96051	42144	22109	08592	0702
0.95538	02927	02081	48354	5922
0.94994	02379	74019	69768	0382
0.94419	57933	93791	92150	1582
0.93814	87996	54011	10839	1097
0.93180	11943	93957	03861	7845
0.92515	50115	78516	32642	9847
0.91821	23808	46311	07431	9495
0.91097	55268	27207	21067	5093
0.90344	67684	29409	69248	1723
0.89562	85180	96365	43090	0977
0.88752	32810	33706	96599	8693
0.87913	36544	06481	13105	6420
0.87046	23265	06917	53279	2547
0.86151	20758	93001	82736	2900
0.85228	57704	98128	61299	9953
0.84278	63667	12118	36284	0471
0.83301	69084	33892	23236	4186
0.82298	05260	96107	82415	0332
0.81268	04356	62068	09668	9477
0.80211	99375	95224	57511	4559
0.79130	24158	01604	86674	4862
0.78023	13365	45503	20708	8055
0.76891	02473	38781	36424	6311
0.75734	27758	04135	71201	4680
0.74553	26285	12694	64393	0403
0.73348	35897	96318	74110	3344
0.72119	95205	34984	22438	4111
0.70868	43569	19638	21457	7920

0.00024	09236	63646	21375	060
0.00056	07495	09521	13521	504
0.00088	08694	02273	51893	792
0.00120	07481	88985	39122	163
0.00152	02504	82564	86908	793
0.00183	92681	17081	74307	328
0.00215	76973	34923	37046	293
0.00247	54355	79836	61442	315
0.00279	23808	28802	01232	482
0.00310	84314	27400	66650	172
0.00342	34860	55725	47927	130
0.00373	74437	35075	83393	542
0.00405	02038	49257	47229	054
0.00436	16661	71668	30706	238
0.00467	17308	94842	05588	394
0.00498	02986	61071	45847	889
0.00528	72705	93493	11454	241
0.00559	25483	27336	29231	334
0.00589	60340	41182	12343	654
0.00619	76304	88148	13035	491
0.00649	72410	26947	26130	763
0.00679	47696	52788	45739	445
0.00709	01210	28095	45238	366
0.00738	32005	13025	94231	286
0.00767	39141	95776	42169	375
0.00796	21689	22659	88229	958
0.00824	78723	27944	75226	972
0.00853	09328	63444	21666	707
0.00881	12598	27845	57477	150
0.00908	87633	95769	65225	997
0.00936	33546	46550	55605	152
0.00963	49455	92726	27107	925
0.00990	34492	08230	77321	223
0.01016	87794	56278	48454	300
0.01043	08513	16932	03491	161
0.01068	95808	14344	42243	287
0.01094	48850	43666	78958	027
0.01119	66821	97613	15247	634
0.01144	48915	92673	54106	286
0.01168	94336	94967	12786	682
0.01193	02301	45727	04387	959
0.01216	72037	86408	70213	207
0.01240	02786	83413	57322	007
0.01262	93801	52420	48254	392

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0.69594	21091	90922	19106	8237	0.01285	44347	82316	62652	803
0.68297	68603	54167	77732	8807	0.01307	53704	58720	63468	032
0.66979	27648	71076	58925	0800	0.01329	21163	87090	13609	754
0.65639	40473	28503	35682	2208	0.01350	46031	15406	42295	555
0.64278	50010	84768	86927	5997	0.01371	27625	56428	93965	335
0.62896	99868	93936	49617	3556	0.01391	65280	09512	46460	711
0.61495	34315	08493	09982	0574	0.01411	58341	81979	99219	906
0.60073	98262	60882	07575	1178	0.01431	06172	10044	46505	686
0.58633	37256	24343	03561	5485	0.01450	08146	79272	65164	223
0.57173	97457	53519	27854	8661	0.01468	63656	44584	61103	112
0.55696	25630	05300	68090	4151	0.01486	72106	49782	33573	480
0.54200	69124	40375	96805	5998	0.01504	32917	46601	31440	171
0.52687	75863	05974	51381	2352	0.01521	45525	13278	90921	258
0.51157	94325	00283	84087	4692	0.01538	09380	72633	59769	054
0.49611	73530	19034	86781	0461	0.01554	23951	09649	28544	958
0.48049	63023	84752	66231	2544	0.01569	88718	88559	05504	982
0.46472	12860	59176	01527	7415	0.01585	03182	69422	87656	957
0.44879	73588	39354	54367	3524	0.01599	66857	24193	96769	159
0.43272	96232	37937	26057	1657	0.01613	79273	52268	65498	420
0.41652	32278	48171	61639	9339	0.01627	39978	95514	75358	564
0.40018	33656	94136	91484	3440	0.01640	48537	52773	64962	011
0.38371	52725	66740	73829	2927	0.01653	04529	93831	43833	367
0.36712	42253	46011	57977	4351	0.01665	07553	72854	64108	378
0.35041	55403	10225	26952	6860	0.01676	57223	41286	19589	433
0.33359	45714	32407	00328	6508	0.01687	53170	60197	58924	355
0.31666	67086	64754	82465	1243	0.01697	95044	12093	17102	983
0.29963	73762	11534	28428	3483	0.01707	82510	12162	87020	588
0.28251	20307	90997	69293	7732	0.01717	15252	18979	70532	698
0.26529	61598	86884	90219	3478	0.01725	92971	44638	66216	945
0.24799	52799	90065	88520	2680	0.01734	15386	64333	68958	347
0.23061	49348	30888	54865	7431	0.01741	82234	25369	74479	202
0.21316	06936	02798	18553	5351	0.01748	93268	55607	00037	920
0.19563	81491	77797	77503	4025	0.01755	48261	71334	50716	660
0.17805	29163	14320	95056	5631	0.01761	47003	84570	78999	883
0.16041	06298	58091	88791	1450	0.01766	89303	09789	03708	980
0.14271	69429	36548	61285	4390	0.01771	74985	70064	72796	126
0.12497	75251	47408	29009	6319	0.01776	03896	02643	73007	500
0.10719	80607	41954	93236	5068	0.01779	75896	63929	07996	119
0.08938	42468	03631	65972	2308	0.01782	90868	33884	85091	813
0.07154	17914	22521	14365	6238	0.01785	48710	19855	69614	297
0.05367	64118	66299	18810	0313	0.01787	49339	59800	84338	963
0.03579	38327	48247	52963	8891	0.01788	92692	24941	50487	863
0.01789	97841	92912	88148	0753	0.01789	78722	21820	85414	438
0.00000	00000	00000	00000	0000	0.01790	07401	93775	90973	759

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WEIGHTS

0.99992	80712	85069	97704	9263
0.99962	10312	80936	39632	8136
0.99906	87218	73152	18081	7353
0.99827	11559	48910	70943	0808
0.99722	85142	83379	77581	9666
0.99594	10492	61011	20189	7152
0.99440	90757	65701	45178	9177
0.99263	29694	17189	75969	6014
0.99061	31660	30673	61374	2242
0.98835	01613	60761	29958	6811
0.98584	45109	21786	47742	5624
0.98309	68298	26095	75204	4685
0.98010	77926	20924	03187	8074
0.97687	81331	16566	22201	4579
0.97340	86442	02830	58499	8853
0.96970	01776	52437	50713	2936
0.96575	36439	10744	83267	3575
0.96157	00118	71510	67328	7377
0.95715	03086	38566	20927	1551
0.95249	56192	73355	07681	5224
0.94760	70865	28342	32609	5698
0.94248	59105	66323	14496	6514
0.93713	33486	65678	58756	1358
0.93155	07149	11637	00559	9782
0.92573	93798	73608	16650	7875
0.91970	07702	68663	47198	5272
0.91343	63686	11241	00162	7394
0.90694	77128	49158	72422	8106
0.90023	63959	86023	39573	8218
0.89330	40656	90126	54916	7529
0.88615	24238	89922	67127	0720
0.87878	32263	56188	21202	5384
0.87119	82822	70963	52277	2246
0.86339	94537	83383	19128	7838
0.85538	86555	52503	55247	9252
0.84716	78542	77239	41194	0031
0.83873	90682	13525	23289	9307
0.83010	43666	78819	20943	6895
0.82126	58695	44071	78298	6120
0.81222	57467	13283	25682	0504
0.80298	62175	90778	22542	4492
0.79354	95505	36327	56289	4746
0.78391	80623	08251	70697	8387
0.77409	41174	94641	93296	0131
0.76408	01279	32839	23412	5810
0.75387	85521	17313	31260	1116
0.74349	18945	96087	03555	4132
0.73292	27053	55854	52656	2091
0.72217	35791	95943	83984	0267
0.71124	71550	91277	90544	9336

0.00018	45900	97471	29744	398
0.00042	96466	30451	05707	283
0.00067	49606	34479	37275	030
0.00092	01404	59341	77191	469
0.00116	51007	14755	86853	685
0.00140	97768	27453	56002	216
0.00165	41075	52313	02417	736
0.00189	80325	04938	62859	611
0.00214	14916	39440	58844	617
0.00238	44251	12004	89258	782
0.00262	67732	44516	51482	725
0.00286	84765	19468	31566	860
0.00310	94755	86103	05615	997
0.00334	97112	71035	83940	008
0.00358	91245	90811	42181	585
0.00382	76567	65344	74925	202
0.00406	52492	31775	55080	669
0.00430	18436	58513	21359	139
0.00453	73819	59358	51540	439
0.00477	18063	07641	27199	055
0.00500	50591	50339	15267	347
0.00523	70832	22156	56423	334
0.00546	78215	59549	88537	515
0.00569	72175	14689	46658	368
0.00592	52147	69351	19677	392
0.00615	17573	48731	85737	080
0.00637	67896	35183	35247	129
0.00660	02563	81861	44969	745
0.00682	21027	26285	01981	472
0.00704	22742	03801	99924	328
0.00726	07167	60958	46271	726
0.00747	73767	68767	31045	062
0.00769	22010	35873	16183	136
0.00790	51368	21610	11629	004
0.00811	61318	48949	09820	306
0.00832	51343	17331	55078	821
0.00853	20929	15386	28674	405
0.00873	69568	33526	34274	829
0.00893	96757	76422	72212	114
0.00914	01999	75351	94583	506
0.00933	84802	00414	36719	850
0.00953	44677	72620	24036	642
0.00972	81145	75840	56761	758
0.00991	93730	68619	78528	754
0.01010	81962	95847	38349	698
0.01029	45379	00285	59046	635
0.01047	83521	33950	28832	937
0.01065	95938	69342	36399	868
0.01083	82186	10526	73582	984
0.01101	41825	04056	33459	768

ABSCISSAS

WEIGHTS

0.70014	61155	44490	13595	4355
0.68887	31859	27353	74870	9534
0.67743	11338	11686	48238	8194
0.66582	27682	89894	97096	4164
0.65405	09392	85325	58247	7827
0.64211	85368	52591	03298	8184
0.63002	84904	68044	54752	7649
0.61778	37683	10575	75905	0752
0.60538	73765	32904	91272	0502
0.59284	23585	23554	27583	3850
0.58015	17941	59677	94268	6054
0.56731	87990	50933	46815	7573
0.55434	65237	74580	96323	0860
0.54123	81531	01997	43947	2463
0.52799	69052	16796	29722	3188
0.51462	60309	24743	91331	1070
0.50112	88128	55667	29803	5094
0.48750	85646	57548	75746	9575
0.47376	86301	83005	41532	8703
0.45991	23826	68353	31823	8511
0.44594	32239	05457	66883	1569
0.43186	45834	06572	50216	1993
0.41767	99175	62374	84210	0972
0.40339	27087	93400	04519	3928
0.38900	64646	95086	65953	0193
0.37452	47171	76640	69509	7282
0.35995	10215	93930	71947	9748
0.34528	89558	76626	65824	5124
0.33054	21196	49796	59257	6887
0.31571	41333	50177	20732	0271
0.30080	86373	37334	85026	7021
0.28582	92909	99935	41789	9206
0.27077	97718	57342	48363	1965
0.25566	37746	56764	23154	6044
0.24048	50104	66170	85140	1619
0.22524	72057	63205	08910	7033
0.20995	41015	20309	63052	4857
0.19460	94522	86295	92529	1695
0.17921	70252	64579	93097	9383
0.16378	05993	88311	07621	9309
0.14830	39643	92621	50414	7596
0.13279	09198	84223	36451	9687
0.11724	52744	08582	57391	4863
0.10167	08445	14898	05844	4608
0.08607	14538	19116	03214	7495
0.07045	09320	65209	34666	5128
0.05481	31141	84952	37373	0187
0.03916	18393	56422	25135	4327
0.02350	09500	61457	63728	9783
0.00783	42911	42306	36927	7408

0.01118	74423	49738	35565	649
0.01135	79556	11240	13811	068
0.01152	56804	26532	06637	926
0.01169	05756	18164	92969	732
0.01185	26007	03379	21585	732
0.01201	17159	04043	85685	005
0.01216	78821	56421	98601	282
0.01232	10611	20761	30882	513
0.01247	12151	90706	73260	196
0.01261	83075	02532	94401	332
0.01276	23019	44194	66759	718
0.01290	31631	64192	38322	189
0.01304	08565	80251	32578	392
0.01317	53483	87811	63628	633
0.01330	66055	68327	57982	378
0.01343	45958	97373	79288	823
0.01355	92879	52556	56979	665
0.01368	06511	21228	24591	593
0.01379	86556	08002	78370	873
0.01391	32724	42070	71643	731
0.01402	44734	84311	65362	667
0.01413	22314	34202	60209	329
0.01423	65198	36520	40647	839
0.01433	73130	87836	66377	312
0.01443	45864	42803	51727	509
0.01452	83160	20228	78675	848
0.01461	84788	08938	94336	162
0.01470	50526	73428	48978	328
0.01478	80163	59294	35881	909
0.01486	73494	98453	99605	072
0.01494	30326	14145	84560	801
0.01501	50471	25711	01134	716
0.01508	33753	53154	91951	151
0.01514	80005	21487	86295	327
0.01520	89067	64843	36128	127
0.01526	60791	30373	32584	791
0.01531	95035	81919	07328	474
0.01536	91670	03457	28632	728
0.01541	50572	02320	07592	175
0.01545	71629	12188	35406	627
0.01549	54737	95857	78249	326
0.01552	99804	47776	61813	359
0.01556	06743	96354	83230	452
0.01558	75481	06043	93671	711
0.01561	05949	79187	00569	181
0.01562	98093	57638	44038	958
0.01564	51865	24153	07739	562
0.01565	67227	03544	30062	030
0.01566	44150	63610	87219	326
0.01566	82617	15832	25480	757

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